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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-47
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US-09-657-481A-37
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US-09-377-309-76/c
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LENGTH: 20
TYPE: DNA
                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/377,309B
CURRENT FILING DATE: 1999-08-19
EARLIER APPLICATION NUMBER: 09/166,203
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 99
SEQ ID NO 76
                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
APPLICANT: Cowdert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
FILE REFERENCE: ISPH-0390
                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 76, Application US/09377309B Patent No. 6258790
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Best Local Similarity 80.0%;
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GENERAL INFORMATION:
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Best Local Similarity
                                                Query Match
Best Local Similarity
                                    Matches
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CURRENT APPLICATION NUMBER: US/09/657,481A
CURRENT FILING DATE: 2000-09-07
CURRENT FILING DATE: 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lex M.
                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
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 6540 TAGGATATCTGTAAGGCTGG 6559
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RTS-0087
                                                0.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0;
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Pred. No. 2.3e+03;
                                Score 13.6; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 4;
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Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 20;
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RESULT 2563
US-08-090-369-12/c
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US-08-090-369-12
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                                                                                                                                                                 Patent No. 6261804 GENERAL INFORMATION:
                                                                                                                                                                                  Sequence 31, Application US/09247190 Patent No. 6261804
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APPLICANT: Fong,
APPLICANT: Huang,
APPLICANT: SZOBIAK, JACK W.
APPLICANT: ROBERTH, RICHARD W.
APPLICANT: Liu, Rihe
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
TITLE OF INVENTION: FUSIONS
TILE REFERENCE: 00786/350005
CURRENT APPLICATION NUMBER: US/09/247,190
CURRENT FILING DATE: 1999-02-09
EARLIER APPLICATION NUMBER: 60/035,963
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 13
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/0 FILING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/090,36
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MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Merck & Co.,
STREET: P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 18
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3904
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Strader, C.D.
TITLE OF INVENTION: Human Neurokinin-3 Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                     Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Thies, J. E. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP:
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Similarity 80.0%;
16; Conservative
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Pred. No. 2.3e+03
0; Mismatches '
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RESULT 2566
US-08-943-731-513
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US-09-487-368A-131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: DNA splint US-09-247-190-31
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Best Local Similarity 80.0%;
Matches 16; Conservative
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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GENERAL INFORMATION
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EARLIER FILING DATE: 1997-11-06
EARLIER APPLICATION NUMBER: 09/007,005
EARLIER FILING DATE: 1998-01-14
NUMBER OF SEQ ID NOS: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: RTS-0093
CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lex M. Cowse:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTI-
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                                                                                                                        APPLICANT:
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                  CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH S
                                             APPLICANT: ALA-KOKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
                                                                                                                                                        APPLICANT:
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SPOTILA, LORETTA D.
DELTAS, CONSTANTINOS D.
SEREDA, LARISA
LARSON, ANDREA W.
PACK, MICHAEL
COLIGE, ALAIN
EARLY, JAMES
YOUTH TABES
3: PANITCH SCHWARZE JACOBS & NADEL, P.C. ONE COMMERCE SQUARE, 2005 MARKET STREET,
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Pred. No. 2.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 13.6; DB 1;
Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                          Sequence 5, Application US/08460736 Patent No. 6265189 GENERAL INFORMATION:
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Best Local
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,736
FILING DATE: 02-JUN-1995
CLASSIFICATION: 514
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/803,628
FILING DATE: 03-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
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TELEX: 831-494
INFORMATION FOR SEQ ID NO:
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ADDRESSEE: Curtis, Morris & Safford STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY NUMBER OF SEQUENCES: 217
                                                                                                                                                                                                                                                                                                                        APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: 1: MOLECULE TYPE:
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APPLICATION NUMBER: US 08/212,322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: STRANDEDNESS: SI
                                                                                                                                                                                                CITY: New York
STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 215-567-2991
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CLASSIFICATION:
                                                                                                                                                              COUNTRY: US
ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/943,731
FILING DATE: 03-OCT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
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16; Conserva
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Pred. No. 2.3e+03;
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                                                                           Version #1.25
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                                                                                                                                                                                                                                     US-09-489-868A-60/C
                                                                                                                                                                                                                                                        RESULT 2569
                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 49, Application US/09489868A
Patent No. 6265216
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 49
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
                                          CURRENT APPLICATION NUMBER: US/09/489,868A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
                                                                                                                         GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
                                                                                                                                                                               Sequence 60, Application US/09489868A Patent No. 6265216 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
FILE REFERENCE: RTS-0113
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                    FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMUNICATION INFORMATION:
TELEPHONE: (212) 840-333
TELEPAX: (212) 840-0712
ORGANISM: Artificial Sequence
                            LENGTH: 20
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FILING DATE: 19-JAN-1994
ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: single
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Pred. No. 2.3e+03;
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Pred. No. 2.
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-489-868A-60
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US-09-085-273-5/c
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Best Local Similarity
                                                            Matches
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                                                                                     Query Match
                                                                       Best Local
                                                                                                                                                                                                                                                         FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 4543:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                             TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: RECOMBINANT POXVIRUS - CYTOMEGALOVIRUS, TITLE OF INVENTION: COMPOSITIONS AND USES
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                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
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                           6425 GTGGCCTCCTATTTAGCTAA 6444
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                                                                         Similarity
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 GCGGCCGCCTAATTAACTAA 1
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                                                                                                                                                                                                  20 base pairs
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530 Fifth Avenue
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Kauffman,
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                                                                                                                                    DNA (genomic)
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80.0%; Pred. No. 2.3e+03;
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                                                          0.2%; Score 13.6; DB 1;
80.0%; Pred. No. 2.3e+03;
tive 0; Mismatches 4
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RESULT 2571 US-09-428-583-70/c ; Sequence 70, Application US/09428583 ; Patent No. 6271029

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TYPE: DNA
GRGANISM: Artificial Sequence
FEATURE:
FOTHER INFORMATION: Antisense Ol
US-09-428-583-70
                                                                                                                                                         Sequence 160, Application US/09593711A
Patent No. 6271030
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: RTS-0118
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 155
LENGTH: 20
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 160
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                    APPLICANT: JACQUELINE WYATT
APPLICANT: JACQUELINE WYATT
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
FILE REFERENCE: RTS-0118
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide -09-593-711A-155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 EXPRESSION
FILE REPERENCE: RTS-0096
CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILLING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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16; Conserv
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Madeline M. Butl
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Pred. No. 2.3e+03;
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-430-035-2/c
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US-08-836-031-2/c
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APPLICANT: Peponnet, Christine
APPLICANT: Peponnet, Christine
TITLE OF INVENTION: PROCESS FOR THE SOLID-PHASE AMPLIFICATION OF NUCLEIC ACIDS
TITLE OF INVENTION: WHICH IS USSETH FOR CARRYING OUT THIS PROCESS
FILE REFERENCE: P60963US0
CURRENT PELLCATION NUMBER: US/08/836,031
CURRENT FILING DATE: 1997-07-11
EARLIER APPLICATION NUMBER: PCT/FR95/01422
EARLIER FILING DATE: 10-27-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                    SOFTWARE: FastSEQ for Windows Version 3 SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/09430035 Patent No. 6277604
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Best Local Similarity 80.0%;
Matches 16; Conservative
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                               APPLICANT: GENSET

APPLICANT: Peponnet, Christine
APPLICANT: Peponnet, Christine
TITLE OF INVENTION: PROCESS FOR THE SOLID-PHASE
TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS AND REAGENT KIT WHICH IS
TITLE OF INVENTION: USEFUL FOR CARRYING OUT THIS PROCESS
                                                                                                                                            EARLIER FILING DATE: 1995-10
EARLIER APPLICATION NUMBER:
EARLIER FILING DATE: 1997-0
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: FR94/12972
EARLIER FILING DATE: 1994-10-28
EARLIER APPLICATION NUMBER: PCT/FR95/01422
                                                                                                                                                                                                                                                                                            FILE REFERENCE: 9710-018-999
CURRENT APPLICATION NUMBER: US/09/430,035
CURRENT FILING DATE: 1999-10-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EARLIER APPLICATION NUMBER: 94 12972 EARLIER FILING DATE: 10-28-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 2
                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer
               FEATURE:
                                                                                  ENGTH:
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                                                                                                                                                                                                              1995-10-27
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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APPLICANT: SZOSIŁAK, JACK W.
APPLICANT: ROBERTE, RICHART W.
APPLICANT: LIU, RIHE
APPLICANT: LIU, RIHE
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
TITLE OF INVENTION: FUSIONS
FILE REFERENCE: 00786/350007
CURRENT APPLICATION NUMBER: US/09/244,796
CURRENT FILING DATE: 1999-02-05
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER FILING DATE: 1997-11-06
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER APPLICATION NUMBER: 09/007,005
EARLIER APPLICATION NUMBER: 09/007,005
EARLIER APPLICATION DATE: 1998-01-14
NUMBER: OF SEQ ID NOS: 33
COPTAINE: FILING DATE: 1998-01-14
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                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application Patent No. 6297050 GENERAL INFORMATION:
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Best Local Similarity
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Patent No. 6281344
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Best Local S
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APPLICANT: SZOBLAK,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch,
                                                                                                                                                                                                                                                               TITLE OF INVENTION: Isolated Nucleic Acid Molecules
TITLE OF INVENTION: Coding For Tumor Rejection Antigen Precursors DAGE
TITLE OF INVENTION: Uses Thereof
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                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                              COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                           STREET:
                                                                                                                                       COUNTRY:
 APPLICATION NUMBER:
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                                                                                                                                                        New York City
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              ARE: Wordperfect APPLICATION DATA:
                                                                                                                          10103
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                                                                                                                                                                                           E: Fulbright & Jaworski, L.L.P
666 Fifth Avenue
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                                                                  IBM PS/2
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                                                   PC-DOS
US/09/322,360
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Pred. No. 2.
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Pred. No. 2.
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                                                                                     1.44 Mb
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PILE REFERENCE: RTS-0103
CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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US-09-484-617-93
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                                                                                                                                                                      US-09-484-617-137/c
                                                                                                                                                                                      RESULT 2579
                                                                               GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Patent No. 6303374
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Best Local Similarity
                                                                                                                                                 Sequence 137
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Best Local Similarity
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                       atent No.
               TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION FILE REFERENCE: RTS-0103 CURRENT APPLICATION NUMBER: US/09/484,617 CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LU
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
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STRANDEDNESS: single
TOPOLOGY: linear
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Pred. No. 2
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Pred. No. 2.3e+03
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US-08-890-865A-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: AntiBense Oligonucleotide US-09-484-617-151
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GENERAL INFORMATION:
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Best Local Similarity
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide -09-484-617-137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REPERENCE: RTS-0103
                                                                                                                                                                                                                                  APPLICANT: CONSTANTINI, FIGURE AND USES THEREOF TITLE OF INVENTION: AXIN GENE AND USES THEREOF NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 20
                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                        ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
ATTORNEY/AGENT INFORMATION:
           APPLICATION NUMBER: FILING DATE: 10-JUI CLASSIFICATION: 43:
                                                                                                                                                                                        CITY: New York
STATE: New York
                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  7385 GTACAGTTCCTTCTGAAGCA 7404
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1185 Avenue of the Americas
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ilarity 80.0%;
Conservative
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                  10-JUL-1997
N: 435
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                                            US/08/890,865A
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Pred. No. 2.
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Pred. No. 2.3e+03
0; Mismatches
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                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,379
FILING DATE: 07-UN-1995
APPLICATION NUMBER: US 08/416,646
FILING DATE: 05-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/224,657
FILING DATE: 16-APR-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Gettig, R
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
               APPLICATION NUMBER: US 07/776,867
FILING DATE: 23-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/621,614
FILING DATE: 30-NOV-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 28,678
REFERENCE/DOCKST NUMBER: 05
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)278-0400
                                                                                                                        APPLICATION NUMBER: US 0: FILING DATE: 08-JUN-1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: CLASSIFICATION:
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Local Similarity 80.0%;
es 16; Conservative
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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: United States of America
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Gettig, Russell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Curtis, Morris & Safford, P.C. 530 Fifth Avenue, 25th Floor
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RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
RECOMBINANTS
 US 07/938,283
                                                                                                                                                               US 08/073,962
                                                                                                                                                                                                                                                                                                                                                                                   US/09/354,138
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0; Mismatches
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Pred. No. 2.
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; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
US-09-290-452-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-290-452-5
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                                                                                                               RESULT 2584
US-09-290-452-22
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PRILING DATE: 11-7UN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07,666,056
PILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: FIORMER: 25,506
REFERENCE/DOCKET NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-286(
REFERENCE/DOCKET NUMBER: 454310-286(
REFERENCE/DOCKET NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 35,506
REFERENCE/DOCKET NUMBER: 15,506
REFERENCE/DOCKET NUMBER: 5,506
REFEREN
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Sequence 22, Application US/09290452 Patent No. 6309833 GENERAL INFORMATION:
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Best Local Similarity 80.0%;
Matches 16; Conservative
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APPLICANT: Westin, Lorelei P.

APPLICANT: Edman, Carl F.

APPLICANT: Edman, Carl F.

APPLICANT: Carrino, John

TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID

TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC

TITLE OF INVENTION: STRUCTURES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 241/109
CURRENT APPLICATION NUMBER: US/09/290,452
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
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PRIOR APPLICATION NUMBER: US 07/847,951
PILING DATE: 06-MAR-1992
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PRIOR APPLICATION DATA:
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TOPOLOGY: 111
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12-AUG-1993
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US-09-364-416-63
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CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 22
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 63, Application US/09364416
Patent No. 6312900
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Nerenberg, Michael I.

APPLICANT: Westin, Lorelei P.

APPLICANT: Edman, Carl F.

APPLICANT: Carrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
TITLE OF INVENTION: STRUCTURES
                                                                                          TELEPHONE: (609) 810-153
TELEPAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 20
LENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: April 14, 1
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
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                  ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/364,416
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                    NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                           STRANDEDNESS:
                                                                             TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                   TOPOLOGY:
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                                        Linear
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                                                                                                                                                                                 (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DISKETTE, 3.5 INCH, 1.44 MB STORAGE
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US-09-101-126-10
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                                                                                                                                    RESULT 2587
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Sequence 10, Application US/09101126
Patent NO. 6316216
GENERAL INFORMATION:
APPLICANT: OHTO, CHIKARA
APPLICANT: NISHINO, TOKUZO
APPLICANT: NISHINO, TOKUZO
APPLICANT: OHNUMA, SHINICHI
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Best Local :
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Miraglia; Brenda F. Baker
APPLICANT: Miraglia; Brenda F. Baker
                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201
FILING DATE: April 14, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION: Compositions and Methods for the Modulation
TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
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                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
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Similarity 80.0%;
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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GENERAL INFORMATION:

APPLICANT: Nerenberg, Michael I.
APPLICANT: Edman, Carl F.
APPLICANT: Edman, Carl F.
TITLE OF INVENTION: ELECTRONICALLY MEDIATED
TITLE OF INVENTION: AMPLIFICATION IN NASBA
FILE REFERENCE: 238/072
CURRENT APPLICATION NUMBER: US/09/290,338
CURRENT FILLING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62

NUCLEIC ACID

SOFTWARE: FastSEQ for Windows Version 3.0

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FILE REFERENCE: 77670/566

CURRENT APPLICATION NUMBER: US/09/101,126

CURRENT FILING DATE: 1999-04-27

EARLIER APPLICATION NUMBER: PCT/JP97/03921

EARLIER FILING DATE: 1997-10-29

EARLIER APPLICATION NUMBER: JP 8-307506

EARLIER FILING DATE: 1996-11-05

NUMBER OF SEQ ID NOS: 15

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 10
                                   RESULT 2589
US-09-290-338-5
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US-09-488-856A-15/c
; Sequence 15, Application US/09488856A
; Patent No. 6316259
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CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 15
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
Sequence 5, Application US/09290338 Patent No. 6326173
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                                                                                                                                                                               Matches
                                                                                                                                                                                              Query Match 0.2%;
Best Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Brett P.
APPLICANT: Robert McKay
APPLICANT: Madeline M. I
APPLICANT: Jacqueline W
                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: HIROOKA, KAZUTAKE
TITLE OF INVENTION: MUTATED PRENYL DIPHOSPHATE SYNTHASES
                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; TYPE: DNA
; ORGANISM: human
US-09-290-338-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 22, Application US/09290338

Patent No. 6326173

; GRNERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Edman, Carl F.
TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLITILE OF INVENTION: AMPLIFICATION IN NASBA
FILE REFERENCE: 238/072

; CURRENT APPLICATION NUMBER: US/09/290,338
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 20
                                                                                                                            APPLICANT: WL, Tong
APPLICANT: WL, Tong
APPLICANT: WL, Tong
TITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT APPLICATION NUMBER: US 60/047,233
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 77
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; ORGANISM: human
US-09-290-338-22
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                                   US-09-082-649B-77
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Best Local Similarity
Matches 16; Conser
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Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 77, Application US/09082649B Patent No. 6339068
Query Match
                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Davis, Heather L. APPLICANT: Krieg, Arthur M.
                                                   ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
                                                                                                           TYPE: DNA
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Pred. No. 2.
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Pred. No. 2.3e+03;
 Score 13.6; DB
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Length 20;
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GENERAL INFORMATION:

APPLICANT: Davis, Heather L.

APPLICANT: Davis, Heather L.

APPLICANT: Krieg, Arthur M.

APPLICANT: Krieg, Arthur M.

APPLICANT: Krieg, Arthur M.

APPLICANT: Wu, Tong

TITLE OF INVENTION: Vectors and Methods for Immunization or TITLE OF INVENTION: Therapeutic Protocols

FILE REFERENCE: C1039/7009

CURRENT APPLICATION NUMBER: US/09/082,649B

CURRENT FILING DATE: 1998-05-20

PRIOR APPLICATION NUMBER: US 60/047,233

PRIOR FILING DATE: 1997-05-20

PRIOR APPLICATION NUMBER: US 60/047,209

PRIOR PILING DATE: 1997-05-20

NUMBER OF SEQ ID NOS: 85

SOFTWARDER: PRAFERO FOR Windows Viscolity
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US-09-082-649B-77/c
S
                                                                                                                            ; OTHER INFORMATION: Antisense oligonucleotide US-09-488-074-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-488-074-3/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOPTWARE: FASTSEQ for Windows
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 3, Application US/09488074
Patent No. 6339071
GENERAL INFORMATION:
                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 77, Application US/09082649B Patent No. 6339068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                       Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATING
TITLE OF INVENTION: CYCLIN E GENE EXPRESSION AND THERAPEUTIC USES THEREOF
FILE REFERENCE: 12168-3US
CURRENT APPLICATION NUMBER: US/09/488,074
                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 2000-01-20
EARLIER APPLICATION NUMBER: US 60/140,446
EARLIER FILING DATE: 1999-06-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: LEVESQUE, Luc
                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Match 0.2%;
Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5771 CTGGCCGGCCTGCCTG 5790
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2844 GTGCCACCCAAATCCAGAGG 2863
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ilarity 80.0%;
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                                                            Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
0; Mismatches 4
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0; Mismatches 4
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                                         Mismatches
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NAME/KEY: PCR primer; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-131-831B-4
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                                                                                                                               RESULT 2595
US-09-378-842-29
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GENERAL INFORMATION:
                                                                         Sequence 29, Application US/09378842 Patent No. 6342392 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                         Query Match
Best Local (
                   APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 4
 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Hanson, No. 6339149man D.
REGISTRATION NUMBER: 30,946
REFERENCE DOCKET NUMBER: LUD 5386.3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/809,999
FILING DATE: 9-April-1997
APPLICATION NUMBER: 08/316,231
FILING DATE: 30-September-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/131,831B
FILING DATE: 11-Aug-1998
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
                                                                                                                                                                                                                                              2748 GGTTCACCAGGATACTCTGC 2767
                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski L.L.P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Palleur, Thierry
TITLE OF INVENTION: Isolated Nucleic Acid Molecules
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Coulie, Pierre; Ikeda, Hideyuki; Boon-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 18
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Similarity 80.0%; Pred. No. 2.
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OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (21:
TELEFAX: (212)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20 base pairs
The Government of the United States of America as represented by the Secretary, Department of Health and Human Services; Callahan, Robert; Marchetti,
                                                                                                                                                                                                                                                                                         Conservative
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New York City
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                                                                                                                                                                                                                                                                                       Gaps
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COUNTRY: USA
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER:

IBM PC compatible

STATE: STREET: P.O. CITY: Rahway

New Jersey

ADDRESSEE:

E: Merck & Co., P.O. Box 2000

Inc.

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RESULT 2596
US-09-482-971-12/c
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                                                                                                                                    Sequence 12, Application US/09482971 Patent No. 6348330
                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%;
Best Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/875,84
FILING DATE: 09-FEB-1996
APPLICATION NUMBER: 08/385,998
FILING DATE: 09-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: William S. Feller
                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 421792
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Antonio; ITITLE OF INVENTION: ITITLE OF INVENTION: ITITLE OF INVENTION: ITITLE OF INVENTION: ITITLE OF INVENTION:
APPLICANT: Fong, T.M.
APPLICANT: Huang, R-R. C.
APPLICANT: Strader, C.D.
TITLE OF INVENTION: Human Neurokinin-3 Receptor
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4179PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/378,842
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS WORD 97
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10154
COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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                                                                                                                                                                                                                                                                       3426 TGTCCACATTTTCTGCCCCA 3445
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                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                 single
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Amino Acid Sequences Of A New Tumor Gene,
Int6, And the Use Of Reagents Derived From
These Sequences In Diagnostic Assays,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Buttitta, Fiamma; Smith, Gilbert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US/08/875,847
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Pred. No. 2.
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2.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 6359124
GENERAL INFORMATION:
APPLICANT: Monia, Brett P
APPLICANT: Freier, Susan M
APPLICANT: Sanghvi, Yogesh S
APPLICANT: Cook, Phillip D
APPLICANT: Ecker, David J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:

NAME: Thies, J. E.

REGISTRATION NUMBER: P-35,382
REFERENCE/DOCKET NUMBER: 1868
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3904
TELEPHONE: (908) 594-4720
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                       EARLIER APPLICATION NUMBER: 07/715,196
EARLIER FILING DATE: 1991-06-14
EARLIER FILING DATE: 1992-10-05
EARLIER APPLICATION NUMBER: 07/958,134
EARLIER APPLICATION NUMBER: 08/007,996
EARLIER FILING DATE: 1993-01-21
EARLIER FILING DATE: 1993-03-21
EARLIER FILING DATE: 1991-05-21
EARLIER FILING DATE: 1991-05-21
EARLIER APPLICATION NUMBER: 08/040,903
EARLIER FILING DATE: 1993-03-31
EARLIER FILING DATE: 1993-03-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 20, Application US/09248386
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                                                                                                                                                                                                                                                                                                                                                                                         EARLIER APPLICATION NUMBER: 08/848,840
EARLIER FILING DATE: 1997-04-30
EARLIER APPLICATION NUMBER: 07/411,734
EARLIER FILING DATE: 1989-09-25
EARLIER APPLICATION NUMBER: PCT/US93/09346
EARLIER FILING DATE: 1993-10-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            09-248-386-20/c
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CURRENT APPLICATION NUMBER: US/09/248,386
CURRENT FILING DATE: 1999-01-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and TITLE OF INVENTION: Alternating Oligonucleotides
                                                                                                            EARLIER APPLICATION NUMBER: 07/040,526
EARLIER FILING DATE: 1987-04-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/482,971
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2037 TATCACAGCAGTGGTAGGCA 2056
APPLICATION NUMBER: 08/174,379
FILING DATE: 1993-12-28
APPLICATION NUMBER: 08/040,933
FILING DATE: 1993-03-31
APPLICATION NUMBER: 08/700 077
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GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE
FILE REFERENCE: RTS-0149
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US-09-561-497-20
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EARLIER FILING DATE: 1993-03-30
EARLIER PELICATION NUMBER: 08/395,168
EARLIER FILING DATE: 1995-02-27
EARLIER APPLICATION NUMBER: 07/814,961
EARLIER FILING DATE: 1991-12-44
EARLIER PELING DATE: 1991-12-6-21
EARLIER FILING DATE: 1994-66-21
EARLIER FILING DATE: 1994-66-21
CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 42
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EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 20
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -09-501
Sequence 20, Approximate No. 6372433
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Patent No. 6372433
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ORGANISM: Artificial Sequence
FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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mes 16; Conservat
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Similarity 80.0%;
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                                                                                                        ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
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Pred. No. 2
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Pred. No. 2.3e+03
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; OTHER INFORMATION: Description of Artificial ; OTHER INFORMATION: synthetic construct US-09-177-437-6
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-42
                                                                                                                                                                                            APPLICANT: Plorence Guignard
APPLICANT: Philip M. Muzphy
APPLICANT: Christophe Combadiere
APPLICANT: H. Lee Tiffany
TITLE OF INVENTION: FUNCTIONAL PROMOTER FOR CCR5
FILE REPERENCE: 14014.0332
CURRENT APPLICATION NUMBER: US/09/177,437
CURRENT FILING DATE: 1998-10-21
EARLIER APPLICATION NUMBER: 60/065,934
EARLIER FILING DATE: 1997-10-23
NUMBER OF SEQ ID NOS: 12
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                                                                                                                                                            SOFTWARE:
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LENGTH: 20
 Query Match
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Best Local Similarity
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Best Local Similarity
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CURRENT APPLICATION UMBER: US/09/732,199A
CURRENT FILING DATE: 2000-12-06
NUMBER OF SEQ ID NOS: 57
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2,
TITLE OF INVENTION: EXPRESSION
                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                         FEATURE:
                                                                                                                                             LENGTH: 20
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                                                                                                                                                                                 FastSEQ for Windows Version 3.0
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 Score 13.6;
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Pred. No. 2.3e+03;
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Pred. No. 2
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                                                                      Sequence:/No. 6383746e
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Length 20;
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GENERAL INFORMATION:
APPLICANT: Makino, Yoshihiko
APPLICANT: Abe, Yoshihiko
APPLICANT: Dae, Yoshihiko
APPLICANT: Takenaka, Masashi
APPLICANT: Takenaka, Shigeori
APPLICANT: Takenaka, Shigeori
APPLICANT: Yamashita, Kenichi
TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acio
TITLE OF INVENTION: Electroconductive Chip and Intercalator
FILE REFERENCE: JG-YY-4980/500569,20039
CURRENT APPLICATION NUMBER: US/09/588,950A
CURRENT FILING DATE: 2000-06-07
PRIOR APPLICATION NUMBER: Japan 11-159339
PRIOR FILING DATE: 1999-06-07
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US-09-588-950A-6
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7 OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-73
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US-09-702-246-73
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                                                                                                                            ; OTHER INFORMATION: US-09-588-950A-6
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Best Local Similarity 80.0%;
Matches 16; Conservation
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SEQ ID NO 6
LENGTH: 20
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LENGTH: 20
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                                                             Matches
                                                                            Query Match
Best Local Similarity
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CURRENT FILING DATE: 2000-10-30
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APPLICANT: Lex M. Cowsert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION FILE REFERENCE: RTS-0195
                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                           4464 TTTTTTTTTTTTTTTT 4483
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NO. 6383809
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TTTTTTTAAAATTTTTTT 20
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                                                               Conservative
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                                                                            Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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                                                                Mismatches
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Best Local Similarity
Matches 13; Conserv
                                                                                       SEQ ID NO 54
LENGTH: 20
                                                                                                                                                                                                                                                                   Sequence 54, Application US/09844634
Patent No. 6410324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 17,
                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            equence 17, Application US/09135202
Patent No. 6399754
GENERAL INFORMATION:
                                                                                                                         CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
   09-844-634-54
                                                                                                                                                                             APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTIERNSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSIFILE REFERENCE: RTS-0216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                ORGANISM: Artificial Sequence
                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH LUCCI
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE:
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One Liberty Place - 46th Floor
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215-568-3439
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ilarity 65.0%;
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Pred. No. 2.3e+03;
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Query Match
Best Local Similarity
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US-09-844-634-96
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Best Local S
Matches 16
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LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                          SEQ ID NO 159
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                          Matches
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                                                                       Query Match 0.2%;
Best Local Similarity 80.0%;
                                                                                                                                                                                                                         APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILLING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Andrew T. Watt
TITLB OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
FILE REFERENCE: RTS-0216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: C. Frank Bennett APPLICANT: Andrew T. Watt
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              3810 GAGCTGCTGAGATGACAGGC 3829
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                            5808 CTGTCTGCCTATGTGATGAT 5827
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20 CTGTCTGCCTATGGAGTGCT 1
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Pred. No. 2.3e
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Pred. No. 2.3e+03
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Pred. No. 2
                                                            Mismatches
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                                                                                        DB 1;
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RESULT 2608 US-09-506-073-46

Sequence 46, Application US/09506073 Patent No. 6410518

GENERAL INFORMATION:

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CURRENT APPLICATION NUMBER: US/09/506,073
CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER FILING DATE: 1998-07-06
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1996-11-26
EARLIER FILING DATE: 1996-11-26
EARLIER FILING DATE: 1996-5-31
EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
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CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER APPLICATION NUMBER: DCT/US95/07111
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER APPLICATION NUMBER: DCT/US95/07111
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                                                                                                                                                                                       ; OTHER INFORMATION: antisense sequence US-09-506-073-61
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Best Local Similarity
Matches 16; Conserv
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LENGTH: 20
                                                                                                                 Query Match
Best Local Similarity
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
OTHER INFORMATION: antisense sequence
0-09-506-073-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 130
                                                                                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Monia,
                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Antisense Oligonucleotide Modulation
                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: artificial sequence
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                                            4648 GAATTTCCTCTTTGAGGAGC 4667
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  GAATTTTGTCTTCCAGGAGC 1
                                                                                           Conservative
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                                                                                                               0.2%;
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Pred. No. 2.3e
0; Mismatches
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                                                                                                                 .3e+03;
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RESULT 2611
US-09-817-856-9/c
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CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER FILING DATE: 1998-07-06
EARLIER FILING DATE: 1998-07-07
EARLIER FILING DATE: 1997-07-07
                                                                                                                                                    US-09-817-856-9
                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/817,856
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
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Best Local Similarity 80.0%;
Matches 16; Conservative
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LENGTH: 20
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                                                                                                           Query Match
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                                                                          Matches
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APPLICANT: K. Muralidharan
TITLE OF INVENTION: MOLECULAR DIAGNOSTICS FOR GALACTOSEMIA
FILE REFERENCE: 05010.0079
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: DET/US95/07111
EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 130
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                                                                                                                                                                                     ORGANISM: Homo sapiens
                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence:/No. 6420550e
                                                                        Local Similarity
nes 16; Conserv
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                                     1307 CCACAGCTAGATCCGCTCCA 1326
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                                                                          Conservative
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                                                                          Score 13.6; DB 1
Pred. No. 2.3e+03
0; Mismatches
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Pred. No. 2.3e+03;
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PATENT PILING DATE
CURRENT FILING DATE
CURRENT FILING DATE: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13
LENGTH: 20
ORGANISM: Artificial Sequence
FEATURE: NIFORMATION: Growth Factor Antagonist Materials and Methods
FILE REFERENCE: 28110/35878
CURRENT APPLICATION NUMBER: US/09/370,398
CURRENT FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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US-09-657-452A-53
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US-09-487-792-42
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; OTHER INFORMATION: Description of Artificial Sequence:
US-09-370-398-13
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                                                                                                                                       Sequence 42, Application US/09487792
Patent No. 6433145
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Keratinocyte Derived Interferon
FILE REFERENCE: PF482P1
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Best Local Similarity 80.0%;
Matches 16; Conservative
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SEQ ID NO 53
LENGTH: 20
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
FILE REFERENCE: RTS-0125
CURRENT APPLICATION NUMBER: US/09/657,452A
CURRENT FILING DATE: 2000-09-07
                 CURRENT APPLICATION NUMBER: US/09/487,792
CURRENT FILING DATE: 2000-01-20
EARLIER APPLICATION NUMBER: 60/093,643
EARLIER FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: PCT/US99/16424
EARLIER FILING DATE: 1999-07-21
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TUMBER OF
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ORGANISM: Artificial Sequence
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SEQ ID NOS: 54
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-37
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APPLICANT: Robert M.
APPLICANT: Susan M.
APPLICANT: Jacqueli
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GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
APPLICANT SUSAN F. 
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SEQ ID NO 42
Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/780,175
CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 37
SEQ ID NO 37
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SEQ ID NO 37
LENGTH: 20
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Patent No. 6436909
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Best Local Similarity
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CURRENT FILING DATE: 2000-09-14
EARLIER APPLICATION NUMBER: 60/154,546
EARLIER FILING DATE: 1999-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
FILE REFERENCE: RT
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16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Jacqueline Wyatt
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ilarity 80.0%;
Conservative
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                               0.2%;
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80.0%; Pred. No. 2.3e+03;
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                               Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
0; Mismatches
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US-09-907-843-70
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-35
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
FILE REFERENCE: RTS-0279
CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 35
LENGTH: 20
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APPLICATION US/09907843
PATENT NECESSARY
APPLICATION:
               GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0279
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SEQ ID NO 66
LENGTH: 20
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                                                                                                                Sequence 70, Application US/09907843 Patent No. 6440739
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Best Local Similarity
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
FILE REFERENCE: RTS-01.64
CURRENT APPLICATION NUMBER: US/09/780,175
CURRENT FILING DATE: 2001-02-08
CURRENT APPLICATION NUMBER: US/09/907,843
                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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Pred. No. 2.3e+03;
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                                       GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
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RESULT 2621
US-09-791-211-75
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US-09-470-443-90
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APPLICANT: Lerman, Wichael I.
APPLICANT: Minna, John D.
APPLICANT: Latif, Farida
APPLICANT: Wei, Ming-Hui
APPLICANT: Sekido, Yoshitaka
APPLICANT: Gao, Boning
APPLICANT: Duh, Fuh-Mei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-907-843-70
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NUMBER OF SEQ ID NOS: 8
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof FILE REFERENCE: NIH-05043
CURRENT FILING DATE: 1999-12-22
EARLIER APPLICATION NUMBER: 60/114,359
EARLIER FILING DATE: 1998-12-30
NUMBER OF SEQ ID NOS: 114
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 90
LENGTH: 20
              NUMBER OF SEQ ID NOS:
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                      Sequence 75, Application US/09791211
Patent No. 6448080
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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Patent No. 64411
                                                            APPLICANT: Doma T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: RTS-0205
CURRENT APPLICATION NUMBER: US/09/791,211
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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ORGANISM: Artificial Sequence
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Pred. No. 2.3e+03;
0; Mismatches 4;
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Pred. No. 2.3e+03
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FEATURE:

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                         S
                                                                                                                            ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-57
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                                                                                                                                                                                                          APPLICANT: Ian Popoff
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 57
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0247
CURRENT APPLICATION NUMBER: US/09/851,062
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 82
LENGTH: 20
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Matches 16; Conserv
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                                                                              Query Match
Best Local
                                                               Matches
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                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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                            GGAATACATGGTCCAGCATT 451
GGAATATACGGTCCTGCTTT 20
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
                                                                              Score 13.6; DB 1;
Pred. No. 2.3e+03;
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RESULT 2624

Griffin, Michael Coull, James M. Neilsen, Peter Buchardt, Ole Dueholm, Kim L.

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Sequence 274, Application US/09517467B

Sequence 274, Application US/09517467B

Patent No. 6451602

GENERAL INFORMATION:

APPLICANT: Ian Popoff

APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION

FILE REFERENCE: RTS-0150

CURRENT FILING DATE: 2001-03-02

PRIOR APPLICATION NUMBER: 09/517,467

PRIOR APPLICATION NUMBER: 09/517,467

PRIOR FILING DATE: 2000-03-02

NUMBER OF SEQ ID NOS: 345

SEQ ID NO 274

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-517-467B-125
; Sequence 125, Application US/09517467B
; Patent No. 6451602
                                                                                                                                        RESULT 2626
US-08-275-951-27/c
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APPLICANT: Lex M. COMEGIT
APPLICANT: Lex M. COMEGIT
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT PILLY ON HOWBER: US/09/517,467B
CURRENT FILLY ONTE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 125
SEQ ID NO 125
LENGTH: 20
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GENERAL INFORMATION:
                                                                                GENERAL INFORMATION:
                                                                                                 Sequence 27, Application US/08275951 Patent No. 6451968
                                                                                                                                                                                                                                                                                                   Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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                                       Egholm, Michael
Kiely, John
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
0; Mismatches 4
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RESULT 2627
US-08-275-951-28/c
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SEQ ID NO 27
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
                                                                                                                                                                                                                               FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR FILING DATE: 1993-11-22
                                                                                                                                                                                                                                                                                                               APPLICANT: Neilsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
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CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR FILING DATE: 1993-11-22
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TITLE OF INVENTION: Linked Peptide Nucleic
                                                                                                                                PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/0
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                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 08/088,658
PRIOR FILING DATE: 1993-07-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence NAME/KEY: misc feature LOCATION: (10)..(11)
OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
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APPLICATION NUMBER: PCT/EP92/01219
FILING DATE: 1992-05-22
                          APPLICATION NUMBER: 98/,
                                                                                                               FILING DATE:
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                                                                                               APPLICATION NUMBER:
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                  FILING DATE:
APPLICATION
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Kiely, John
Griffin, Michael
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                  NUMBER:
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1991-04-15
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Pred. No. 2.3e+03;
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US-08-275-951-29/c
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SOFTWARE: Par
SEQ ID NO 28
FRIGHTH: 20
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Best Local Similarity 80.0%;
Matches 16; Conservative
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SEQ ID NO 29
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                                  Query Match 0.2%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 2.3e+03; Matches 16; Conservative 0; Mismatches 4;
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APPLICANT:
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PRIOR APPLICATION NUMBER: 08/0
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/1
PRIOR FILING DATE: 1992-05-22
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CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
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PRIOR FILING DATE: 1993-1
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1993-0
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APPLICANT: Coull, James M.
APPLICANT: Neilsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Buchardt, Ole
APPLICANT: Christensen, Leif
APPLICANT: Christensen, Leif
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LOCATION: (10) (11)
OTHER INFORMATION: Lysine, Amino Cis-hexenoic Acid, Lysine,
OTHER INFORMATION: Cis-hexenoic Acid, Lysine Linkage
                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence NAME/KEY: misc feature LOCATION: (10)-.(11) OTHER INFORMATION: Lysine, Amino Hexynoic Acid, Lysine, Amino OTHER INFORMATION: Hexynoic Acid, Lysine Linkage
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TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
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4013 AAATGAGAAAAAAGAGAGAA 4032
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Pred. No. 2.3e+03;
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OTHER INFORMATION: Lysine, Meta-Amino Benzoic Acid, Lysine, OTHER INFORMATION: Meta-Amino Benzoic Acid, Lysine Linkage US-08-275-951-30
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US-08-275-951-30/c
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CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR PILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 07/ED92/01219
PRIOR PILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR APPLICATION NUMBER: 986/91
PRIOR PILING DATE: 1991-05-22
PRIOR FILING DATE: 1991-05-22
PRIOR FILING DATE: 1991-05-22
PRIOR FILING DATE: 1991-05-22
PRIOR PILING DATE: 1991-05-22
PRIOR FILING DATE: 1991-05-22
PRIOR FILING DATE: 1991-05-22
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US-08-275-951-63/c
; Sequence 63, Application US/08275951
; Patent No. 6451968
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Best Local Similarity 80.0%;
Matches 16; Conservative
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LENGTH: 20
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APPLICANT:
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APPLICANT:
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APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic
FILE REFERENCE: ISIS1577
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SOFTWARE: Patentin V
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PRIOR FILING DATE: 1991-04-15
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PRIOR FILING DATE: 1991-05-24
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APPLICANT: Kiely, John
APPLICANT: Griffin, Mic
APPLICANT: Coull, James
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ORGANISM: Artificial Sequence
FEATURE:
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              T: Neilsen, Peter
T: Buchardt, Ole
T: Dueholm, Kim L.
T: Christensen, Leif
INVENTION: Linked Peptide Nucleic Acids
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Coull, James M.
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Kiely, John
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ISIS1577
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Pred. No. 2.3e+03;
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RESULT 2632 US-09-920-672-33

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APPLICANT: Cook, Phillip D.
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
APPLICANT: Martin, Pierre
APPLICANT: Altman, Karl-Heinz
TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
FILE REFERENCE: ISNOON83
CURRENT APPLICATION NUMBER: US/08/802,331
CURRENT FILLING DATE: 1997-02-11
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.1
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
CORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: No. 6451991el Sequence
US-08-802-331-22
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CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR PILING DATE: 1993-07-02
PRIOR PPLICATION NUMBER: 08/088,661
PRIOR PILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR PILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR PILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR PILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92
PRIOR APPLICATION NUMBER: 510/92
PRIOR APPLICATION NUMBER: 510/92
PRIOR APPLICATION NUMBER: 510/92
PRIOR PILING DATE: 1991-05-24
PRIOR PILING DATE: 1991-05-25
PRIOR FILING DATE: 1991-05-26
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SEQ ID NO 63

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
NAME/KEY: misc_feature
LOCATION: (10)...(11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
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Patent No. 645199
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Best Local
                                                                                                      Query Match 0.2%;
Best Local Similarity 65.0%;
                                                                                      Matches
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                                        6538 CATAGGATATCTGTAAGGCT 6557
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1 CAUAGGAGAUGCCUAAGGCT 20
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                                                                                                          Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2
                                                                                        Mismatches
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                                                                                                                               DB 1;
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                                                                                                                               Length 20;
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RESULT 2634
US-08-626-285-26/c

/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-51

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SEQ ID NO 51
SEQ ID NO 51
SEQ ID SEQ ID NO 51
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SEQ ID NO 51
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APPLICANT: Mark J. Graham
APPLICANT: SUSAIN M. Freier
APPLICANT: SUSAIN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
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APPLICANT: Mark J. Graham
APPLICANT: SUSAIN M. Freier
APPLICANT: SUSAIN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
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Best Local Similarity
Matches 16; Conserv
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Best Local S
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                                                                                                           APPLICANT: Morris, Macdonald S.
APPLICANT: Shoemaker, Daniel D.
APPLICANT: Davis, Ronald W.
APPLICANT: Mittmann, Michael P.
APPLICANT: Shoemann, Michael P.
APPLICANT: Shoemann Mittmann Mitt
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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                                                                              STREET:
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San Francisco
California
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                                                                          E: Townsend and Townsend and Crew LLP Two Embarcadero Center, Eighth Floor
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Pred. No. 2.3e+03;
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US-09-679-185-6/c
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                                                                                                                                                        US-09-679-185-6
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                                                              Query Match
Best Local Similarity
Matches 16; Conservat
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SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: George Jr., Alfred L.
APPLICANT: Roden, Dan M
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/626,285
FILING DATE: 04-APR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REGISTRATION NUMBER: 16528X-017300US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/09679185
Patent No. 6458542
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                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHOD OF SCREENING FOR SUSCEPTIBILITY TITLE OF INVENTION: DRUG-INDUCED CARDIAC ARYTHMIA FILE REFERENCE: Attorney Docket No. 645854 1242-33-2 CURRENT APPLICATION NUMBER: US/09/679,185 CURRENT FILING DATE: 2000-10-04 PRIOR APPLICATION NUMBER: 60/158,696 PRIOR APPLICATION NUMBER: 60/158,696 PRIOR APPLICATION NUMBER: 60/158,696 PRIOR PLING DATE: 1999-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                              LENGTH: 20
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LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 94111-3834
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Local Similarity 80.0%;
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STRANDEDNESS: single
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                      1312 GCTAGATCCGCTCCAGACAG 1331
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                                                                        Score 13.6; DB 1;
Pred. No. 2.3e+03;
D; Mismatches 4;
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Pred. No. 2.3e+03;
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                                                                                                                  Length 20;
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RESULT 2636
US-09-531-000-64
; Sequence 64, Applicati
; Patent No. 6461810
; CENERAL INFORMATION:

Application US/09531000

APPLICANT:

JOHNSON, Marion D.

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US-09-531-000-64/c
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US-09-531-000-64
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                                                                                                                                                      RESULT 2638
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Sequence 86, Application US/09780049
Patent No. 6465250
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local 9
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SEQ ID NO 64
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SEQ ID NO 64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/664,997
PRIOR APPLICATION NUMBER: 60/064,997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: sequences
                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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16; Conserv
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16; Conser
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llarity 80.0%;
Conservative
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                                                                                                                                                                                                                                                                                      Score 13.6; DB 1; Length 20; pred. No. 2.3e+03; 0; Mismatches 4; Indels
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Pred. No. 2.3e+03;
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APPLICANT: RADEKEY, RAY R.
TITLE OF INVENTION: MCTHODS FOR DETERMINATION OF SINGLE TITLE OF INVENTION: MCTHODS FOR DETERMINATION OF SINGLE TITLE OF INVENTION: MUCLEIC ACID POLYMORPHISMS USING A TITLE OF INVENTION: BIOSLECTRIC MICROCHIP FILE REFERENCE: 240/240

CURRENT APPLICATION NUMBER: US/09/291,129

CURRENT FILING DATE: 1999-04-12

EARLIER APPLICATION NUMBER: US 08/986,065

EARLIER APPLICATION NUMBER: US 08/986,065

EARLIER APPLICATION NUMBER: US 08/859,644

EARLIER FILING DATE: 1997-05-20

EARLIER FILING DATE: 1997-05-20

EARLIER APPLICATION NUMBER: US 08/725,976

EARLIER APPLICATION NUMBER: US 08/725,976

EARLIER APPLICATION NUMBER: US 08/708,262

EARLIER APPLICATION NUMBER: US 08/34,454

EARLIER APPLICATION NUMBER: US 08/334,454

EARLIER FILING DATE: 1996-09-06

EARLIER FILING DATE: 1995-09-27

EARLIER APPLICATION NUMBER: US 08/334,457

EARLIER APPLICATION NUMBER: US 08/334,457

EARLIER APPLICATION NUMBER: US 08/334,457

EARLIER APPLICATION NUMBER: US 08/334,457
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                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: human
US-09-291-129-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-291-129-2
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LENGTH: 20
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                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 2
LENGTH: 20
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                                                                                             Query Match
Best Local Similarity
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                                                                                  Matches
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CURRENT FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                         EARLIER APPLICATION NUMBER: US 08/271,882
EARLIER FILING DATE: 1994-07-07
EARLIER APPLICATION NUMBER: US 08/146,504
EARLIER FILING DATE: 1993-11-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Nerenberg, Michael I. APPLICANT: Canter, David M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 96
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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                      335 ATTACTTTGAGGTGGACATC 354
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ACTACAGTGACGTGGACATC 20
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                                                                                    Conservative
                                                                                                                                                                                                                                                                                  for Windows Version 3.0
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                                                                                                      0.2%;
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                                                                                  0; Mismatches
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Pred. No. 2.3e+03
                                                                                                      Score 13.6;
Pred. No. 2
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                                                                                                      2.3e+03
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                                                                                      Indels
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                                                                                      Gaps
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RESULT 2640 US-09-291-129-13

; Sequence 13,

Application US/09291129

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FILE REFERENCE: UTSD0667

CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-09-475-947A-56
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US-09-475-947A-56
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US-09-291-129-13
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Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
                                                                          Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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Best Local Similarity
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SEQ ID NO 13
LENCTH: 20
TYPE: DNA
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EARLIER FILING DATE: 1994-07-07
EARLIER APPLICATION NUMBER: US 08/146,504
EARLIER FILING DATE: 1993-11-01
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Radtkey, Ray R.
TITLE OF INVENTION: METHODS FOR DETERMINATION OF SINGLE
TITLE OF INVENTION: NUCLEIC ACID POLYMORPHISMS USING A
TITLE OF INVENTION: BIOBLECTRIC MICROCHIP
FILE REFERENCE: 240/240
CURRENT FILING DATE: 1999-04-12
CURRENT FILING DATE: 1999-04-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EARLIER FILING DATE: 1996-10-04
EARLIER APPLICATION NUMBER: US 08/708,262
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EARLIER FILING DATE: 1997-12-05
EARLIER APPLICATION NUMBER: US 08/859,644
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EARLIER APPLICATION NUMBER: US 08/304,657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EARLIER APPLICATION NUMBER: US 08/534,454
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                                   4261 CCCTCCTCTGCACTGTCCTG 4280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   335 ATTACTTTGAGGTGGACATC 354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/725,976
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FILING DATE: 1998-02-25
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Pred. No. 2.3e+03;
0; Mismatches 4
                                                                                            Score 13.6; DB 1; Length 20; Pred. No. 2.3e+03;
                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
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                                                                              Indels
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, OTHER INFORMATION: Synthetic primer complementary to the human US-09-908-594-42
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                                          Query Match
Best Local Similarity
Thes 16; Conserve
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PRIOR APPLICATION NUMBER: 60/292,934
PRIOR APPLICATION NUMBER: 60/292,934
PRIOR FILLING DATE: 2001-05-24
PRIOR FILLING DATE: 2001-05-24
PRIOR FILLING DATE: 2000-07-21
PRIOR FILLING DATE: 2000-07-21
PRIOR PILLING DATE: 2000-01-20
PRIOR APPLICATION NUMBER: 09/487,792
PRIOR PILLING DATE: 2000-01-20
PRIOR APPLICATION NUMBER: US00/01239
PRIOR APPLICATION NUMBER: 09/358,587
PRIOR PILLING DATE: 1909-07-21
PRIOR APPLICATION NUMBER: 09/358,587
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                                                                                                                                                  ; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-09-706-197-84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 2643
US-09-706-197-84/c
                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/706,197
CURRENT FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 84
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: David Spector
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 80.0
Matches 16; Conservative
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SEQ ID NO 42
LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 84, Application US/09706197 Patent No. 6475797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/093,643
PRIOR FILING DATE: 1998-07-21
NUMBER OF SEQ ID NOS: 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: PF482P2
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TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: RTS-0145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE: NAME/KEY: Primer_Bind
                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2104 CGACCACGCCAAGAGATCAT 2123
6453 GTTTTTGGATACTTTTTTT 6472
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                                                                Conservative
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                                                                                  0.2%;
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                                                                                      Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2
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                                                                    Mismatches
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                                                                                                          Length 20;
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US-09-920-668-32/c

Sequence 32, Application US/09920668

; Patent NO. 6482644

; Patent NO. 6482644

; PAPPLICANT: Lex M. Cowsert

APPLICANT: Lex M. Cowsert

APPLICANT: Brett P. Monita

; TITLE OP INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION

; PILE REFERENCE: RTS-0246

; CURRENT APPLICATION NUMBER: US/09/920,668

; CURRENT FILING DATE: 2001-08-01
            GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
APPLICANT: Montgomery, Julie R.
TITLE OF INVENTION: Growth Factor Antagonist Mat
FILE REFERENCE: 28110/35878
CURRENT APPLICATION NUMBER: US/10/090,190
CURRENT FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: US/09/370,398
PRIOR FILING DATE: 1998-08-06
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US-10-090-190-13/c
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SEQ ID NO 32
LENGTH: 20
TYPES
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Best Local Similarity 80.0%;
Matches 16; Conservative
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APPLICANT: Guo, Bacchuan
APPLICANT: TITLE OP INVENTION: A No. 6479242el Method for Genotyping of Single Nucleotide Polymo
FILE REFERENCE: 27433/04001
CURRENT APPLICATION NUMBER: US/09/698,505A
CURRENT FILING DATE: 2001-02-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.0
SEQ ID NO 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 36, Application US/09698505A Patent No. 6479242
                                                                                                                                                                                          Sequence 13, Application US/10090190 Patent No. 6485920
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                           Matches
NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
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Local Similarity 80.0%;
les 16; Conservative
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
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                                                                                                                            US-09-213-383-29
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SEQ ID NO 13
LENGTH: 20 --
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Patent No. 6491906
GENERAL INFORMATION:
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Best Local S
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                                                                                         Query Match
                                                                       Best Local
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                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/468,819
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECHONES: 512/418-3000
TELEPHONE: 512/418-3000
TELEPAX: 512/474-7477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
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ADDRESSEE: Arnold, White & Durkee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Strieter, Robert M. Polverini, Peter J.
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                                                                                                                                            SEQUENCE DESCRIPTION: SEQ ID NO: 29:
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45 CCGCGGCGGCGCAACGGAG 64
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                                                                         Similarity
                                                                                                                                                                                                            LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                        0.2%; Score 13.6; ]
80.0%; Pred. No. 2.3;
tive 0; Mismatches
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Pred. No. 2.3e
0; Mismatches
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                                                                                             DB 1;
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US-09-213-383-45/c
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GENERAL INFORMATION:
                                                                                                                                         Sequence 45, Application US/09213383
Patent No. 6491906
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                     Matches
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PETENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,819
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE DESCRIPTION: SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
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TITLE OF INVENTION: CXC Chemokines as Regulators of
CORRESPONDENCE ADDRESS:
      Angiogenesis
NUMBER OF SEQUENCES: 93
                                                         TITLE OF INVENTION: CXC Chemokines as Regulators of
                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                          2555 CGTACCAGCTGTGCCACACT 2574
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                                                                                                                                                                                                                                                                                    20 CGTACCTGATGTGCCTCGCT 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
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                                                                         Strieter, Robert M. Polverini, Peter J. Kunkel, Steven L.
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                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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RESULT 2650
US-09-213-383-65/c
; Sequence 65, Application US/09213300;
; Patent No. 6491906
; GENERAL INFORMATION:
APPLICANT: Strieter, Robert M.
Polverini, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DESCRIPTION: /desc = "DLA"

SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-213-383-45
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/468,819
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECHMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEPAX: 512/474-7477
                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               45 CCGCGGCGGCGCAACGGAG 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 CCTCGACGGCGGCAACAAG 1
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FILING DATE: 09-Dec-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                           STATE: TX
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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APPLICATION NUMBER: US/09/213,383 FILING DATE: 09-Dec-1998
                                                                                                                                                                                                                    CITY: Houston
                                                                                                                                                                                                                                      STREET: P.O. Box 4433
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Pred. No. 2.3e+03;
0; Mismatches 4
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                                                              Version #1.30
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US-09-844-521-67/c
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                                                                                                                                                                                                                  RESULT 2652
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/844,521
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 67, Application US/09844521
Patent No. 6492172
GENERAL INFORMATION:
                                                                                                                               Sequence 131, Application US/09629644A Patent No. 6492345 GENERAL INFORMATION:
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Best Local Similarity 80.0%;
Matches 16; Conservative
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APPLICANT: Harris Busch
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
                                   APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: RTS-0163
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         y Match 0.2%; Score 13.6; DB 1 Local Similarity 80.0%; Pred. No. 2.3e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/468,819
FILING DATE: *CINKNOWN'
ATTORNEY JAGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                           20 TITGGTCAATAATTAGAAAT 1
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                    Robert McKay
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
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RESULT 2653
US-09-629-644A-131
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US-08-545-573A-31/c
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CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
PRIOR OF SEQ ID NOS: 242
SEQ ID NO 131
LENGTH: 20
TYPE: DNA
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APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
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CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
SEQ ID NO 131
LENGTH: 20
                                                                                                                                                                                            Sequence 31, Application US/08545573A Patent No. 6495344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 131, App.
                                                                                                                                                                                                                                                                                                                                                                                            Matches 16; Conservative
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Best Local Similarity 80.0%;
                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Carr, No. 64953441 Gordon
APPLICANT: Mann, Nicholas Harold
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: ISPH-0478
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: ROBERT MCKAY
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                  NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                              TITLE OF INVENTION: Phenylalanine-Free Protein and DNA Coding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2%;
Local Similarity 80.0%;
nes 16; Conservation
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San Francisco
                                                                                                                                                                                                                                                                                                                  TAATATGACTTGACATCTTC 20
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Pred. No. 2.3e+03;
0; Mismatches 4
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Pred. No. 2.3e+03;
0; Mismatches 4;
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US-08-569-284-26
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APPLICATION UNMBER: WO PCT/GB94/01046

FILING DATE: 16-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9310472.7

FILING DATE: 20-MAY-1993

ATTORNEY/AGENT INFORMATION:

NAME: Liebeschuetz, Joe

REGISTRATION NUMBER: 37,505

REFERENCE/DOCKET NUMBER: 01694-011900US

REFERENCE/DOCKET NUMBER: 016994-011900US

REFERENCE/DOCKET NUMBER: 31:

REFERENCE/DOCKET NUMBER: 016994-011900US

REFERENCE/DOCKET NUMBER: 016994-01190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 26, Application US/08569284 Patent No. 6500417
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: DORSSERS J., LAMBERTUS C.
APPLICANT: VAN LEEN, ROBERT W.
TITLE OF INVENTION: MUTANTS OF HUMAN INTERLEUKIN-3
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEB: MORRISON & FOERSTER
                   COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: COMPATIBLE
COMPUTER: PATENT PC PODS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/569,284
FILING DATE: 08-DEC-1995
CLASSIFICATION: 424
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APPLICATION NUMBER: US
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PRIOR APPLICATION DATA:
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ZIP: 941
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OTHER INFORMATION:
OTHER INFORMATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 755 Page Mill Road
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CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY:
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primer for Block A"
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Pred. No. 2.3e+03
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TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: TOTOL NUMBER: US/09/898,361
CURRENT APPLICATION NUMBER: US/09/898,361
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 87
LENGTH: 20
TYPE: """
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-87
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                                                                                                                                                                                          US-09-898-361-151
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FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 151
                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                        Sequence 151, Application US/09898361
Patent No. 6503152
                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                             Query Match
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                                                                             APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
                                                                                                              APPLICANT: Susan Murray APPLICANT: Jacqueline
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: GRACEY, NANCY J.

REGISTRATION NUMBER: 2461
REFERENCE/DOCKET NUMBER: 2461
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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FILING DATE:
APPLICATION NUMBER: US 07
FILING DATE: 05-FEB-1991
ATTORNEY/AGENT INFORMATION:
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Local Similarity 80.0%;
nes 16; Conservative
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Local Similarity 80.0%;
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TOPOLOGY: lin
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                                                                                                                                                                                                                                                                                   6764 GGATATGCAGGCACTTTT 6783
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Pred. No. 2.3e+03;
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US-09-657-346A-59
Sequence 59, Application US/09657346A
Patent NO. 6503754
GENERAL INFORMATION:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-151
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                                  Query Match
Best Local Similarity
Thes 16; Conserve
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US-09-657-346A-70/c
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                                                                                                                     OTHER INFORMATION: US-09-657-346A-70
                                                                                                                                                                   APPLICANT: HONG Zhang
APPLICANT: HONG Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0135
FILE REFERENCE: RTS-0135
CURRENT TAPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT APPLICATION NUMBER: US/09-07
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 59
LENGTH: 20
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GENERAL INFORMATION:
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Best Local
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                                                                                                                                                   FEATURE:
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7453 AAGACAACAGTGGCTTCTAT 7472
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16; Conserv
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                                                                                                                                    Antisense Oligonucleotide
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Pred. No. 2.3e
0; Mismatches
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Pred. No. 2.3e+03;
                                                 Score 13.6; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 4;
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CURRENT APPLICATION NUMBER: US/09/668,313A
CURRENT FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 247
SEQ ID NO 75
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
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US-09-668-313A-43/c
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                                                                                                                                                           US-09-238-710-31
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                                                                                          Sequence 31, Application US/09238710A Patent No. 6518018
GENERAL INFORMATION:
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SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Myatt
APPLICANT: Jacqueline Myatt
TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSIO
FILE REFERENCE: RTS-0127
FILE REFERENCE: RTS-0127
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/668,313A
CURRENT FILING DATE: 2000-09-22
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APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLB OP INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4
                    APPLICANT: Szostak, Jack W. APPLICANT: Roberts, Richard W. APPLICANT: Liu, Rihe TITLE OF INVENTION: SELECTION
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN TITLE OF INVENTION: FUSIONS
                                                                                                                                                                                                                                                                              6992 TGAGGTGGGAAAGGGAGATT 7011
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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GENERAL INFORMATION:
APPLICANT: CURTIS, ROTY A.J.
INTLE OF INVENTION: NOVEL POTASSIUM CHANNEL MO
FILE REFERENCE: MNI-055CP
CURRENT APPLICATION NUMBER: US/09/358,383C
CURRENT FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: USSN 09/119,855
PRIOR FILING DATE: 1998-07-21
NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-09-358-383C-21
                                                                                                                                                                                                                                                                                   US-09-290-000-5
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                                                                                                                                                                                                                                                                                                      RESULT 2664
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SEQ ID NO 31
LENGTH: 20
                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                            Sequence 5, Application US/09290000 Patent No. 6531302
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Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
                                                APPLICANT: Nerenberg, Michael I.
APPLICANT: Westin, Lorelei P.
APPLICANT: Landis, Geoffrey C.
APPLICANT: Feng, Lana L.
APPLICANT: Edman, Carl F.
TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
FILE REFERENCE: 238/065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 00786/350004
CURRENT APPLICATION NUMBER: US/09/238,710A
CURRENT FILING DATE: 1999-01-28
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER FILING DATE: 1997-11-06
EARLIER FILING DATE: 1997-11-06
EARLIER APPLICATION NUMBER: 09/007,005
CURRENT APPLICATION NUMBER: US/09/290,000
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
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NUMBER OF SEQ ID NOS: 33
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Pred. No. 2.
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
US-09-290-000-5
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US-09-290-000-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Westin, Lorelei P.
APPLICANT: Westin, Lorelei P.
APPLICANT: Hendis, Geoffrey C.
APPLICANT: Feng, Lana L.
APPLICANT: Edman, Carl P.
TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
FILE REFERENCE: 238/065
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Best Local Similarity 80.0%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                              Sequence 17, Application US/09389283 Patent No. 6531584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 22,
                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawasaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: human
                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                   ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720
                                                                                                                                                                                              TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEB: Woodcook Washburn Kurtz Mackiewicz & No. 6531584ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
APPLICATION NUMBER: US/09/389,283 FILING DATE:
                                                                                                                                             COUNTRY: U
ZIP: 19103
                                                                                                                                                                                STATE:
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Pred. No. 2.3e+03;
0; Mismatches 4;
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Pred. No. 2.3e+03;
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CLASSIFICATION:

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PRIOR APPLICATION NUMBER: US/09/549,654
PRIOR PILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 70
SOPTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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                                                                                                                                                                                                      RESULT 2668
US-09-535-370-5/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: primer US-09-972-800A-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-972-800A-45/c
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US-09-389-283-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 45, Application US/09972800A

Patent No. 6534277

Patent Normation:

Applicant: Ozkaynak, E.

APPLICANT: Ozkaynak, E.

APPLICANT: Ozkaynak, E.

TITLE OF INVENTION: ROLES OF JAK/STAT FAMILY MEMBERS IN TOLERANCE

TITLE OF INVENTION: INDUCTION

FILE REFERENCE: 7853-192

CURRENT APPLICATION NUMBER: US/09/972,800A

CURRENT FILING DATE: 2001-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%;
Best Local Similarity 65.0%;
Matches 13; Conservative
                                                                                                                                          Sequence 5, Application US/09535370 Patent No. 6537594 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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INFORMATION FOR SEQ ID NO: 17:
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REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: IS:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                   Tartaglia, James
Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6538 CATAGGATATCTGTAAGGCT 6557
                                                                                                                    APPLICANT: Paoletti, Enzo
                                                                                                                                                                                                                                                                                                                   744 CTCCTTCTCTCACCGCCTG 763
                                                                                                                                                                                                                                                                                         20 CTCCTGCTTCTAACGGCTTG 1
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ADDRESSEB: Curtie, Morrie & Safford
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Pred. No. 2.3e+03;
3; Mismatches 4;
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Pred. No. 2.3e+03;
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; FEATURE: primer bind
LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-18729 for SEQ 991,
US-09-422-978-4925
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US-09-422-978-4925
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                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4925
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                           LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/99/535,370
FILING DATE: 24-Mar-2000
CLASSIFICATION: CUDKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     y Match 0.2%; Score 13.6; DB 1;
Local Similarity 80.0%; Pred. No. 2.3e+03;
hes 16; Conservative 0; Mismatches 4
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REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 45
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/460,736
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TYPE: nucleic acid
STRANDEDNESS: single
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STATE: NY
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APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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US-09-422-978-5168/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-422-978-5234
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                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-104-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
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Best Local Similarity
Matches 16; Conserv
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Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
                                                                                           NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5234
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5234, Appendix No. 653779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5168
                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET 020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-22189 for SEQ 1234,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: primer_bind
NAME/KEY: primer_bind LOCATION: 1..20
                                                      ORGANISM: Homo Sapiens
                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1256 AGCGCTGTATTAAGAAGCTG 1275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5184 CATGTTCTCCACTTGGATAC 5203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 CATTTTCTCAACTAGGAAAC 1
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6127
                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 2673
US-09-422-978-6243
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; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-9157 for SEQ
US-09-422-978-6127
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US-09-422-978-6127/c
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                                                                                               CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                             Sequence 6243, Application US/09422978
Patent No. 6537751
GENERRAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                 NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6243
LENGTH: 20
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Matches 16; Conserve
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Patent No. 653775
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
ORGANISM: Homo Sapiens
                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo Sapiens
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Local Similarity 80.0%;
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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Query Match
Best Local Similarity
Marches 16; Conserva
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          CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                         Sequence 8529, Application US/09422978
PATENT NO. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Bialielic markers for
FILE REFERENCE: GENSET.020CP1
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Best Local Similarity
Matches 16; Conserv
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LENGTH: 20
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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US (9)9/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
SEQ ID NO 8529
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LOCATION: 1..20
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Pred. No. 2.3e+03;
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; NAME/KEY: primer_bind; LOCATION: 1..20; LOCATION: 1..20; OTHER INFORMATION: downstream amplification primer 99-7840 for SEQ 1992, US-09-422-978-9857
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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; Sequence 9857, Application US/09422978
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                            GENERAL
                                                                                                                                                                                                                                           Sequence 10500, Application US/09422978 Patent No. 6537751
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LENGTH: 20
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Best Local (
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
IIILE OF INVENTION: Biallelic markers for use in constructing
IIILE OF INVENTION: Biallelic markers for use in constructing
IIILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-11-23
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TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-16202
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                                                                                                                                                                                                                            INFORMATION:
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Pred. No. 2
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Pred. No. 2
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                                                                                                                                                 a high density...
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60/082,614

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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITILE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET, 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; PEATURE:
; NAME/KBY: primer bind
; LOCATION: 1..20 -
; OTHER INFORMATION: downstream amplification primer 99-12595 for SEQ 2646, in
US-09-422-978-10511
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                                                                                                                                                                                                                                   US-09-422-978-11697/c
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 10500
LENGTH: 20
                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                          Sequence 11697, Application US/09422978 Patent No. 6537751
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Best Local Similarity
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                          5987 CAACTTGTGTGAAGTCAGGA 6006
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80.0%;
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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                                                                                        in constructing a high density...
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RESULT 2680
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-894-454-72/c
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Best Local :
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SEQ ID NO 11697
LENGTH: 20
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                                                                                                                                                                                    APPLICATION NUMBER: PCT/EP/00716
APPLICATION NUMBER: 9520390.3
APPLICATION NUMBER: 9520390.3
FILING DATE: 17-FEB-1995
APPLICATION NUMBER: 95201951.1
FILING DATE: 14-JUL-1995
ATTORNEY/AGENT INFORMATION:
NAME: JOHNSON, BAYBATA E
REGISTRATION NUMBER: 31,198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                        INFORMATION FOR SEQ ID NO:
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NAME/KBY: primer_bind
LOCATION: 1..20
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 15219-1818
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 412-471-8815
                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/894,454
FILING DATE: 15-AUG-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: VAN DEN VEN, W.J.M.
APPLICANT: SCHOENMAKERS, H.F.P.M.
TITLE OF INVENTION: MULTIPLE-TUMO
TITLE OF INVENTION: GENES
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Local Similarity 80.0%;
nes 16; Conservative
STRANDEDNESS:
           TYPE: nucleic acid
                                                                                                             TELEFAX: 412-471-4094
                                                                                                                                                                 REGISTRATION NUMBER: 31,198
REFERENCE/DOCKET NUMBER: 702-971100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Pittsburgh
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                                   LENGTH: 20 base
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single
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Pred. No. 2.3e+03;
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US-08-894-454-72

COPOLOGY:

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RESULT 2682
US-09-705-267A-57/c
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                    Query Match
Best Local (
                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6545137
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                          TELEFAX: (703)816-4100 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPB: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Patent: Pc-DOS/MS-DOS
SOFTWARE: Patent: Release #1.0, Version #1.25
SOFTWARE: Patent: Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OP INVENTION: NO. 6545137el Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDENNESS: 81777
                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: B.J.Sadoff
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                                                                                                    5893 GCAGAAGACCAAGAACCTGT 5912
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Hess, John W
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                                                                                                                                      Conservative
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                                                                                                                                    Score 13.6; DB 1; Length 20; Pred. No. 2.3e+03; 0; Mismatches 4; Indels
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Pred. No. 2.3e+03;
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RESULT 2684
US-09-402-923A-240
US-09-402-923A-240;
Sequence 240, Application US/09402923A
PATENT NO. 6555654;
GENERAL INFORMATION:
GENERAL INFORMATION:
Hers. John M
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US-09-705-267A-113/c
; Sequence 113, Application US/09705267A
; Patent No. 6551826
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SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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SEQ ID NO 113
LENGTH: 20
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Best Local Similarity 80.0%;
Matches 16; Conservative
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Best Local
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APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                   Match 0.2%; Local Similarity 80.0%;
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                                                                                                                                                                                                                                                                                                                                                     Conservative
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
                                                              Gerhold, David
Hammond, Holly
                                                                                                                Caskey, Charles
                                                                                               Roger D
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Pred. No. 2.3e+03;
0; Mismatches 4
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Pred. No. 2.3e+03;
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                                                                                                           ; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1563
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US-09-198-452A-1563/c
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                                                                                                                                                                        NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1563
LENGTH: 20
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Best Local
                                       Matches
                                                       Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1563, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                                              APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION UNUMER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 240: SEQUENCE CHARACTERISTICS:
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les 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEPAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
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NAME: B.J.Sadoff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5893 GCAGAAGACCAAGAACCTGT 5912
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 921 GGACATCAGGAACATAGATG 940
                                       16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 60/048,740 FILING DATE: 05-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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ilarity 80.0%;
Conservative
                                       Conservative
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                                                       Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
0; Mismatches 4
                                       Mismatches
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US-09-198-452A-2085
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; Sequence 1880, Application US/09198452A
; Patent No. 6559294
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Sequence 2085, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
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SEQ ID NO 1880
LENGTH: 20
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SEQ ID NO 1681
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Chlamydia pneumoniae
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
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16; Conserv
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Pred. No. 2.3e+03;
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; TYPE: DNA
; ORGANISM: Chlamydia
US-09-198-452A-2085
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RESULT 2691
US-09-198-452A-2492
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Patent No. 6559294

GENERAL INFORMATION:
APPLICANT: Griffals, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: chareof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2147
LENGTH: 20
                                                                                                                                                                                                                                FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 2339

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2339, Applic
Patent No. 6559294
GENERAL INFORMATION:
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                                                                                                                                                            Query Match
Best Local (
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ORGANISM: Chlamydia pneumoniae
-09-198-452A-2147
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and TITLE OF INVENTION: thereof and uses thereof, in particular fulls OF INVENTION: and treatment of infection
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nes 16; Conserv
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Pred. No. 2.3e+03;
0; Mismatches 4;
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Pred. No. 2.3e+03;
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RESULT 2692
US-09-198-452A-2493/c
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US-09-198-452A-2599/c
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SEQ ID NO 2493
                                                                                                                                                                                                                                   Sequence 2599, Application US/09198452A Patent NO. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment:
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev.
TITLE OF INVENTION: and treatment of infection
PILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2599
LENGTH: 20
TYPE: DNA
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SEQ ID NO 2492
LENGTH: 20
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APPLICANT: Griffais, R.
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                                                                                                                                           TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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80.0%; Pred. No. 2.3e+03;
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; ORGANISM: Chlamydia pneumoniae US-09-198-452A-2599

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RESULT 2696
US-09-198-452A-4058
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US-09-198-452A-3426
Sequence 3426, Application US/09198452A
Patent No. 6559294
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US-09-198-452A-3526/c
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3426
LENGTH: 20
Sequence 4058, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
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Best Local S
Matches 16
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3526
LENGTH: 20
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APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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Best Local (
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Best Local
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4655
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                                                                                                                                                              NUMBER OF SEQ ID NOS:
SEQ ID NO 4655
LENGTH: 20
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APPLICANT: Griffais,
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APPLICANT: Griffais,
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SEQ ID NO 4058
LENGTH: 20
                                                  Best Local Similarity Matches 16; Conser
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16; Conserv
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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RESULT 2699
US-09-198-452A-4703
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4705
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US-09-198-452A-4705
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; TYPE: DNA
; ORGANIZSM: Chlamydia pneumoniae
US-09-198-452A-4703
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Patent No. 6559294

GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4705
LENGTH: 20
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APPLICANT: Griffals, R.
APPLICANT: Infifals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT SEPRICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4703
GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment:
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, previntle of invention: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4710
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Best Local (
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Local Similarity 80.0%;
les 16; Conservative
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Local Similarity 80.0%;
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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US-09-198-452A-5028
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SEQ ID NO 4808
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4808
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4715
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APPLICANT: Griffals, R.
APPLICANT: INVENTION: chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CIURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Infifals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 4715
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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                             3582 GCTGCAGAACTGCAACCTTT 3601
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Pred. No. 2.3e
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Pred. No. 2.3e+03
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Sequence 5028, Application US/09198452A

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GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag;
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, ]
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5028
SEQ ID NO 5028
SEQ ID NO 5028
TYPE: DNA
COCANISM: Chlamydia pneumoniae
US-09-198-452A-5028
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; Sequence 5266, Application US/09198452A
; Patent No. 6559294
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SEQ ID NO 5038
LENGTH: 20
                                                                                                                             NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5266
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                      APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION UNMERS: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                              LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia
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ORGANISM: Chlamydia
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0.2%; Score 13.6;
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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Query Match

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Length

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RESULT 2709

US-09-198-452A-5586/C

(Sequence 5586, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve

TITLE OF INVENTION: and treatment of infection
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Patent No. 6559294

GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 5520
LENGTH: 20
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APPLICANT: Criffaia, R.
APPLICANT: Criffaia, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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LENGTH: 20
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ORGANISM: Chlamydia pneumoniae
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ORGANISM: Chlamydia pneumoniae
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tes 16; Conservation
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Local Similarity 80.0%;
es 16; Conservation
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5586
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US-09-198-452A-5857
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5695
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US-09-198-452A-5695/c
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LENGTH: 20
TYPE: DNA
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APPLICANT: Griffais, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5695
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5586
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APPLICANT: Griffals, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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Patent No. 6559294
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                                                                                                  Query Match
Best Local :
                                                                               Matches
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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                                  CCTTCTATCACAGCAGTGGT 2051
  CCTTCTATCAAGGCAGGGTT 20
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Pred. No. 2.3e+03;
0; Mismatches 4
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Pred. No. 2.3e+03;
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; SEQ ID NO 6585
; LENGTH: 20
; TYPE: DIA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6585
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US-09-198-452A-6610
; Sequence 6610, Application US/09198452A
; Patent No. 6559294
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US-09-198-452A-6585
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6061
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PATENT NO. 6559294

GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fraginithe of invention: thereof and uses thereof, in particular for the diagnosis, just of invention: and treatment of infection
FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849
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SEQ ID NO 6610
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24
                                        TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and TITLE OF INVENTION: thereof and uses thereof, in particular f TITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849
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Similarity 80.0%;
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Pred. No. 2.3e+03;
0; Mismatches 4
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for the diagnosis,
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6752
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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Best Local S
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GENERAL INFORMATION:
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LENGTH: 20
Query Match
Best Local Similarity
Matches 16; Conserv
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LENGTH: 20
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AITILE OF INVENTION: Monoclonal Antibody Against Connective Tissue Growth Factor
TITLE OF INVENTION: and Medicinal Uses Thereof
FILE REFERENCE: J1-009PCT
CURRENT APPLICATION NUMBER: US/09/582,337
CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: JP P1997-367699
PRIOR FILING DATE: 1997-12-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: JP P1998-356183
PRIOR FILING DATE: 1998-12-15
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 6849
                                                                                       OTHER INFORMATION: Description OTHER INFORMATION: synthesized NAME/KEY: primer bind LOCATION: (1)..(20)
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ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                          TYPE: DNA
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Pred. No. 2.3e+03;
   Score 13.6; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 4
                                                                                                                                of Artificial Sequence: Artificially primer sequence
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US-09-954-594A-5
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US-09-909-595-62/c
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SEQ ID NO 62
SEQ ID NO 62
TENGTH: 20
                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Westin, Lorelei P.
APPLICANT: Edman, Carl F.
APPLICANT: Carrino, John
                                                                       Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                          APPLICANT: CATTINO, JOHN
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
TITLE OF INVENTION: STRUCTURES
TITLE OF INVENTION: STRUCTURES
FILE REFERENCE: 241/109
CURRENT FAPLICATION NUMBER: US/09/954,594A
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 09/290,452
PRIOR PELING DATE: 1999-04-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION FILE REFERENCE: RTS-0223
CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
APPLICANT: Jacqueline Wyatt
APPLICANT: Scott E. Davis
                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Product 0.2%; Score 13.6; DB 1; Local Similarity 80.0%; Pred. No. 2.3e+03; hes 16; Conservative 0. Michael 1.
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                            335 ATTACTTTGAGGTGGACATC 354
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   ACTACAGTGACGTGGACATC 20
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                                                                                          Score 13.6; DB 1;
Pred. No. 2.3e+03;
                                                                             Mismatches
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RESULT 2719 US-09-954-594A-22 ; Sequence 22, Application US/09954594A

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US-09-081-385-63/c
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APPLICANT: Nerenberg, Michael I.

APPLICANT: Westin, Lorelei P.

APPLICANT: Edman, Carl F.
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TYPE: DNA
ORGANISM: human
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CURRENT APPLICATION NUMBER: US/09/954,594A
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 09/290,452
PRIOR APPLICATION NUMBER: 09/290,452
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
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APPLICANT: Edman, Carl F.
APPLICANT: Edman, Carl F.
APPLICANT: Carrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
TITLE OF INVENTION: STRUCTURES
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                             TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                     NAME: Wu, Prank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
AND POLYMENT OF THE PRIOR OF THE PRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: Fast-SEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION:
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SEQUENCE CHARACTERISTICS:
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Local Similarity 80.0%;
hes 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Palo Alto
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Factor Receptor Releasing Enzyme Activity, and Methods
of Use Thereof
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                                         63:
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US-09-823-634A-8
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CURRENT FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: US 08/417,210
PRIOR PILING DATE: 1995-04-05
PRIOR APPLICATION NUMBER: US 08/223,842
PRIOR APPLICATION NUMBER: US 07/897,382
PRIOR APPLICATION NUMBER: US 07/897,382
PRIOR FILING DATE: 1992-06-11
PRIOR PILING DATE: 1992-06-11
PRIOR APPLICATION NUMBER: US 07/715,921
PRIOR APPLICATION NUMBER: US 08/105,483
PRIOR PILING DATE: 1991-06-14
PRIOR PILING DATE: 1993-08-12
PRIOR PILING DATE: 1992-03-06
PRIOR APPLICATION NUMBER: US 07/847,951
PRIOR PILING DATE: 1992-03-06
PRIOR APPLICATION NUMBER: US 07/713,967
PRIOR PILING DATE: 1991-06-11
PRIOR APPLICATION NUMBER: US 07/713,967
PRIOR APPLICATION NUMBER: US 07/713,967
PRIOR APPLICATION NUMBER: US 07/666,056
PRIOR APPLICATION NUMBER: US 07/666,056
PRIOR PILING DATE: 1991-03-07
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Matches
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                                                                                                                            Sequence 8, Application US/09823634A Patent No. 6596489
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LENGTH: 20
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APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattegupte, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 149
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Immunodeficiency recombinant poxvirus FILE REFERENCE: 454310-2690.1
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APPLICANT: Tart
APPLICANT: Cox,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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Local Similarity 80.0%;
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Cox, William I
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Pred. No. 2
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US-09-823-634A-10
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Matches 16
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Best Local S
Matches 16
                                                                                                    GENERAL INFORMATION:
APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FRASESEQ for Windows Version 4.0
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                 Sequence 10, Application US/09823634A Patent No. 6596489
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-09-823-634A-9
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CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
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APPLICANT: Dattagupta, Nanibhushan

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
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-09-823-634A-8
                                  TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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             OTHER INFORMATION: Oligonucleotide AGT02013
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APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 20
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                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 12
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
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                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Complement DNA oligo AGT02009
                                                                                                                                                                                                             TYPE: DNA
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RESULT 2728
US-09-823-634A-14/c
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; OTHER INFORMATION: Oligo AGT02020
US-09-823-634A-13
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APPLICANT: Dattagupta, Nanibhushan

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE

TITLE OF INVENTION: MISMATCHES USING RNASE H

FILE REFERENCE: 47541-20006.00

CURRENT APPLICATION NUMBER: US/09/823,634A

CURRENT FILING DATE: 2002-02-28

NUMBER OF SEQ ID NOS: 27

SOFTWARE: FREISEQ for Windows Version 4.0

SEQ ID NO 13

LENGTH: 20

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                                                                                                                                                                                                                                                                                                                                                                RESULT 2729
US-09-823-634A-15/c
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APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: U$0/09/823,634A
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 14
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                     Sequence 15, Application US/09823634A Patent No. 6596489 GENERAL INFORMATION:
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Best Local 9
FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
                                                                                                   APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupt. Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
0; Mismatches 4;
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RESULT 2730
US-09-823-634A-16/c
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                                    ; OTHER INFORMATION: Oligo AGT02024 US-09-823-634A-17
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; OTHER INFORMATION: Oligo AGT02023
US-09-823-634A-16
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US-09-823-634A-17/c
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APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
APPLICAT: Dattagupta, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
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SEQ ID NO 16
LENGTH: 20
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SOFTWARE: FastSEQ for
SEQ ID NO 15,
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
                                                                       NUMBER OF SEQ ID NOS: 27
SOFTWARE: FRANCEQ for Windows Version 4.0
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 80.0%;
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Query Match
                                                                                                                                                                                 APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattegupta, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
CURRENT FILLING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
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Pred. No. 2.3e+03
0; Mismatches
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Pred. No. 2.3e+03;
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FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR PILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 20
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; OTHER INFORMATION: Oligonucleotide AGT02008
US-09-823-647B-8
                                                                                                                                          US-09-823-647B-9
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US-09-823-647B-8
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APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
                                                                                     Query Match
Best Local
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                                                                     Matches
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Patent No. 6596490
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CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                 FEATURE: OTHER INFORMATION: Oligonuclectide AGT02012
                                                                                                                                                                                          ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                                                   Score 13.6;
Pred. No. 2
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Pred. No. 2.3e+03;
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                                                                     Mismatches
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                                                                                     3e+03
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                                                                                                      DB 1;
                                                                                                  Length 20;
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Sequence 10, Application US/09823647B

Patent No. 6596490

GENERAL INFORMATION:

APPLICANT: Applied Gene Technologies, Inc.

APPLICANT: Dattagupta, Nanibhushan

TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES

TITLE OF INVENTION: THEREOF

PILE REFERENCE: 47541-20004.20

CURRENT APPLICATION NUMBER: US/09/823,647B

CURRENT FILING DATE: 2002-05-07

PRIOR APPLICATION NUMBER: US 09/616,761

PRIOR FILING DATE: 2000-07-14

NUMBER OF SEQ ID NOS: 27

NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                         Sequence 11, Application US/09823647B

Patent No. 6596490
GENERAL INFORMATION:
APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR PILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
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US-09-823-647B-10
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                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
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                                                                          Matches
                                                                                        Query Match
Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local :
                                                                                                                                                        ORGANISM: Artificial Sequence
FEATURE:
FOTHER INFORMATION: Oligonucleotide AGT02014
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                   4464 Trititritritritritri 4483
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TTTTTTAAAATTTTTTTT 20
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                                                                        Conservative
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                                                                                        0.2%;
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Pred. No. 2.36
0; Mismatches
                                                                                        Score 13.6; DB 1;
Pred. No. 2.3e+03;
                                                                          Mismatches
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RESULT 2736 US-09-823-647B-12/c ; Sequence 12, Application ; Patent No. 6596490

US/09823647B

GENERAL INFORMATION

APPLICANT: Applied Gene

Technologies,

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RESULT 2737
US-09-823-647B-13/c
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                                                                                                                                                     RESULT 2738
US-09-823-647B-14/c
US-09-823-647B-14/c
; Sequence 14, Application US/09823647B
; Patent No. 6596490
; GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 20
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Patent No. 6596490
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattegupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
                APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
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PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE: OTHER INFORMATION: Oligo AGT02020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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  US 09/616,761
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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; OTHER INFORMATION: Oligo AGT02021 US-09-823-647B-14
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                                                                                                                                                                                                                                                                                                                                           RESULT 2740
                        PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.
SEQ ID NO 16
LENGTH: 20
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SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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Best Local Similarity
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NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version
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CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
                                                                                                                                   APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
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APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
ORGANISM: Artificial Sequence
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                                                                     Windows Version 4.0
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Pred. No. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 13.6; DB 1.
Pred. No. 2.3e+03
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| PATENT NO. 6596490
| GENERAL INFORMATION:
| APPLICANT: Applied Gene Technologies, Inc.
| APPLICANT: Dattagupta, Nanibhushan
| TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
| TITLE OF INVENTION: THEREOF
| FILE REFFERENCE: 47541-20004.20
| CURRENT APPLICATION NUMBER: US/09/823,647B
| CURRENT APPLICATION NUMBER: US 09/616,761
| PRIOR APPLICATION NUMBER: US 09/616,761
| PRIOR APPLICATION NUMBER: US 09/616,761
| PRIOR FILING DATE: 2000-07-14
| NUMBER OF SEQ ID NOS: 27
| SOFTMARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 17
| LENGTH: 20
| TYDEN: CNA
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US-09-825-497A-29
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US-09-823-647B-17
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                                   Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.1
SEQ ID NO 29
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                               Sequence 29, Application US/09825497A Patent No. 6599742 GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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                                                                                                            OTHER INFORMATION: Antisense Oligonucleotide -09-825-497A-29
                                                                                                                                                                                                                                                                    FILE REFERENCE: ISPH-0572
CURRENT APPLICATION NUMBER: US/09/825,497A
CURRENT FILING DATE: 2001-04-06
                                                                                                                                                                                                                                                                                                                          APPLICANT: Honkanen, Richard B.
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN SERINE/THREONINE PROTITLE OF INVENTION: PHOSPHATASE GENE EXPRESSION
                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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5883 CTCCTTGACTGCAGAAGACC 5902
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                                     Conservative
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                                                  0.2%; Score 13.6; DB 1; 80.0%; Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
                                                                     Length 20;
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                                                  RESULT 2745
US-09-689-065B-10
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 GENERAL INFORMATION:
              Sequence 10, Application Patent No. 6605696
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CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: COMMERCE SECTION OF THE SECT
                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-09-780-045-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 2744
US-09-780-045-24/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 24, Application US/09780045
Patent No. 6602713
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 72
LENGTH: 20
                                                                                                                                                         Matches
                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.2%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 2.3e+03;
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Patent No. 66003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: ANTISENSE TITLE OF INVENTION: EXPRESSIC FILE REFERENCE: RTS-0130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: LORENZI, MATTHEW
APPLICANT: ATTAR, RICARDO
APPLICANT: GOTTARDIS, MARCO
TITLE OF INVENTION: NOVEL HUMAN HISTONE PEPTIDES
FILE REFERENCE: 3053-4145US1
CURRENT EPPLICATION NUMBER: US/10/072,094
CURRENT FILING DATE: 2002-06-14
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PRIOR FILING DATE: 2001-06-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Primer
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                                                                        68
20 GCTGGGCTTGGGCGGGGGCGC 1
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                                                GCCGGGCTTGGTAGGGGAGC 108
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Pred. No. 2.3e+03;
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us/09689065B

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Sequence 7, Application US/08944410

Patent No. 6607878

GENERAL INFORMATION:
APPLICANT: SOTGE, JOSEPH A.
INTILE OF INVENTION: COLLECTIONS OF UNIQUELY TAGGED MOLECULES
FILE REFERENCE: 04121.0018-00000

CURRENT APPLICATION NUMBER: US/08/944,410

CURRENT FILING DATE: 1997-10-06

NUMBER OF SEQ ID NOS: 113

SOFTWARE: PatentIn version 3.1

SEQ ID NO 7

LENGTH: 20
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Best Local Similarity
Watches 16; Conserve
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APPLICANT: Hayden, Michael R.
APPLICANT: BIROOKS-Wilson, Angela R.
APPLICANT: BIROOKS-Wilson, Angela R.
APPLICANT: BIROOKS-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR
TITLE OF INVENTION: CHOLESTEROL LEVELS
FILE REFERENCE: 50110/002005
CURRENT APPLICATION UNMBER: US/09/526,193A
CURRENT FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
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Best Local Similarity 80.0%;
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CURRENT APPLICATION NUMBER: US/09/689,065B
CURRENT FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: US Prov. 60/160,922
PRIOR FILING DATE: 1999-10-22
PRIOR APPLICATION NUMBER: US Prov. 60/163,858
PRIOR APPLICATION NUMBER: US Prov. 60/163,858
PRIOR PILING DATE: 1999-11-05
PRIOR PILING DATE: 1999-11-05
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TITLE OF INVENTION: LAWSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS
TITLE OF INVENTION: MATERIALS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Lawsonia intracellularis
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Pred. No. 2.3e+03;
0; Mismatches 4
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Pred. No. 2.3e+03;
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APPLICANT: Glazebrook, Jane
APPLICANT: Jirage, Dayadevi
APPLICANT: Toctle, Tina L
APPLICANT: Toctle, Tina L
APPLICANT: Zhou, Nan
APPLICANT: Feye, Bart
TITLE OF INVENTION: PAD4 COMPOSITIONS AND METHODS THEREFOR
FILB REFERENCE: 043503.0009
CURRENT APPLICATION NUMBER: US/09/434,840
CURRENT FILING DATE: 1999-11-04
EARLIER APPLICATION NUMBER: 09/190,733
ERRLIER TILING DATE: 1998-11-12
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 16
                                                                       Sequence 8, Application US/08754311B
Patent No. 6623937
GENERAL INFORMATION:
APPLICANT: Bonini, Nancy M.
APPLICANT: Leiserson, William M.
APPLICANT: Benzer, Seymour
TITLE OF INVENTION: PROGRAMMED CELL DE
TITLE OF INVENTION: PROTEINS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-79
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US-09-434-840-16
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Best Local S
Matches 16
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SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 79
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Best Local Similarity 80.0%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/139,600 PRIOR PILING DATE: 1999-06-17 PRIOR APPLICATION NUMBER: 60/151,977 PRIOR FILING DATE: 1999-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 20
ADDRESSEE: Plehr, Hohbach, Test, Albritton & Herbert STREET: 4 Embarcadero Center, Suite 3400 CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2330 AGAAACGCCATCACACCCGC 2349
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16; Conserv
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                                                                                                                                                                                                                                                         Application US/08754311B
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Pred. No. 2.
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Pred. No. 2.3e+03;
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US-08-754-311B-8
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/195,152

FILING DATE: 14-FEB-1994

ATTORNEY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801

REFERENCE/DOCKET NUMBER: A-59551/RFT/RMS

TELECOMMUNICATION INFORMATION:
TELEPAX: (415) 781-1989
TELEPAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 8:
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Best Local Similarity 80.0%;
Matches 16; Conservative
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS
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TYPE: nucleic acid
STRANDEDNESS: double
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                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/916,963
PILING DATB: 26-U1-2001
CLASSIFICATION: CUNKnown>
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
BELLING DATE: 06-UNN-1995
                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                         ATTORNEY/AGENT INFORMATION: NAME: Frommer Esq., Wi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: RECOMBINANT I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Paoletti,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6895 CTCTCCCTTACTCTACTCAT 6914
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                                                                                                                                                                                                                                                                                                                                                                                   STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Curtis, Morris & Safford STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                              ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                           COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                         CITY: New York
                   NAME: Frommer Esq., William S. REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2720
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Pred. No. 2.3e+03;
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-860-473-161
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                                                                       CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
RUMBER OF SEQ ID NOS: 169
SEQ ID NO 161
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: APPLICANT: ANDERSON T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.1 SEQ ID NO 2
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APPLICANT: Tu, Chin-Fu
APPLICANT: Tsuji, Kim.
                                                                                                                                                                                                                                                                              Sequence 161, Application US/09860473 Patent No. 6656732
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Best Local Similarity 80.0%;
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Lee, Chun-Jean
TITLE OF INVENTION: Transgenic Swine Having HLA-D Gene, Swine Cells Thereof and Xenog
TITLE OF INVENTION: Therefrom
TITLE OF INVENTION: Therefrom
TILE REPERENCE: P119
CURRENT APPLICATION NUMBER: US/09/664,846A
CURRENT FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
ORGANISM: Transgenic Swine Cell DNA
                                      FEATURE:
                                                    ORGANISM: Artificial Sequence
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                  1610 AGAACTTCACAGACCAGCTG 1629
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 840-3333
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tsuji, Kimiyoshi
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Pred. No. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.6; DB 1;
Pred. No. 2.3e+03;
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APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.

APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.

APPLICANT: KIM, Cheol Min

APPLICANT: RARK, Hee Kyung

FILE REFERENCE: P005020/PCT

CURRENT APPLICATION NUMBER: US/09/980,052

CURRENT APPLICATION NUMBER: KR 10-1999-0019631

PRIOR APPLICATION NUMBER: KR 10-1999-0019632

PRIOR FILING DATE: 1999-05-29

PRIOR APPLICATION NUMBER: KR 10-1999-0019633

PRIOR APPLICATION NUMBER: KR 10-1999-0019634

PRIOR APPLICATION NUMBER: KR 10-1999-0019634

PRIOR FILING DATE: 1999-05-29

PRIOR APPLICATION NUMBER: KR 10-1999-0019635

PRIOR FILING DATE: 1999-05-29

PRIOR FILING DATE: 1999-05-29
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CURRENT FILING DATE: 1998-06-05
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/09092218A Patent No. 6660520 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 93, App. Patent No. 66701
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                                                                                    SOFTWARE: KopatentIn 1.71
SEQ ID NO 93
LENGTH: 20
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TITLE OF INVENTION: nrdE
FILE REFERENCE: GM10156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Black, Michael T.
APPLICANT: Wilding, Edwina Imog
APPLICANT: Shilling, Liaa K.
APPLICANT: Kosmatka, Anna L.
APPLICANT: Jaworski, Deborah D.
                                                                                                                                                    PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
                                                                                                                                                                                             PRIOR APPLICATION NUMBER: KR 10-2000-0018189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Streptococcus pneumoniae
                                                                    TYPE: DNA
                                           ORGANISM: Artificial Sequence
OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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Pred. No. 2.3e+03;
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PCT-US91-05742-9/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: homo sapiens
US-09-495-714C-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 9, Application PC/TUS9105742 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match ( 0.2%;
Best Local Similarity 80.0%;
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Best Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7, Application US/09495714C
Sequence 7, Application US/09495714C
Patent No. 6670465
GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
APPLICANT: UNIVERSITY TECHNOLOGIES INTERNATIONAL (ALPHA) 1F-SUBUNIT GENE
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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                                                                                                             ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/495,714C CURRENT FILING DATE: 2000-02-01
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                                           TELEFAX: (215)568-3439]
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                          SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION UMBER: PCT/US
FILING DATE: 19910813
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Inhibition of Influenza Viruses NUMBER OF SEQUENCES: 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cowsert, Lex APPLICANT: Ecker, David
                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: One Liberty CITY: Philadelphia
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One Liberty Place--46th floor
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                                                                                                                                                                                                                                                                                                                                                                            IBM PS/2
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Pred. No. 2.
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Pred. No. 2.3e+03
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APPLICANT:

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RESULT 2758
PCT-US93-04863-23/c
; Sequence 23, Application PC/TUS9304863
; GENERAL INFORMATION:
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PCT-US91-05742-11/c
                                                                                                                                                                                                                                               PCT-US91-05742-11
                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439]
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 11, Application PC/TUS9105742 GENERAL INFORMATION:
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Best Local :
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Best Local &
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HYPOTHETICAL: N
ANTI-SENSE: YES
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HYPOTHETICAL: N
ANTI-SENSE: YES
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OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Inhibition of Influenza Viruses NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
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WEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cowsert, Lex M
APPLICANT: Ecker, David J
APPLICANT:
               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: One LIDELLY CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                 TYPE: NUCLEIC ACID
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                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
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One Liberty Place--46th floor
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John J. Carrino
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                                                                                                                                                                                                                                                                                                      linear
              Ronald L. Marshall
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Pred. No. 2.3e+03;
                                                                                                                                                                                              Score 13.6;
Pred. No. 2.
                                                                                                                                                                                                 .3e+03;
                                                                                                                                                                                                            DB 1;
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RESULT 2759
PCT-US95-04477-60/c
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; MOLECULE TYPE: Other nucleic acid (synthetic DNA) 
PCT-US93-04863-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 16; Conserv
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WOOTOGEFFECT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/0486:
PILING DATE: 19930524
CLASSIFICATION: DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
PILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
DATA:
THORNEY/AGENT INFORMATION:
DATA:
THORNEY/AGENT INFORMATION:
            APPLICATION NUMBER: US 0
FILING DATE: 14-APR-1994
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                           TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RES
TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR US
NUMBER OF SEQUENCES: 165
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5172.PC.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-4884
                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy diskette
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CITY: Abbott Park
STATE: Illinois
                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                            FILING DATE:
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nucleic acid
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ABBOTT LABORATORIES
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                                                                                                                                                                                                                                                                                                                                        DNA SPACER REGULATORY ELEMENTS RESPONSIVE CYTOKINES AND METHODS FOR THEIR USE
                                                                                                US 08/228,935
                                                                                                                                                                               PCT/US95/04477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US 07/891,543
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                                                           60:
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Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 20;
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RESULT 2760
PCT-US95-06
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                                                                                   RESULT 2761
PCT-US95-07111A-44
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Best Local Similarity 80.0%;
Matches 16; Conservative
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Sequence 36, Application PC/TUS9506379
GENERAL INFORMATION:
Sequence 44, Application PC/TUS9507111A
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonuclectide Modulation
TITLE OF INVENTION: of raf Gene Expression
                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                           Query Match
Best Local
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MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILLING DATE: MAY 13, 1994
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 212-391-0526 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: 1ir
MOLECULE TYPE:
DESCRIPTION:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 4:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
                                                                                                                                                                                                                                                                                                         TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 212-278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Watanabe, Kyoichi A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1514 ACATGCGGGGGAAACAGTTC 1533
                                                                                                                                                                                     5741 CCCTTTTCTTTTCACTC 5760
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1 Similarity 80.0%;
16; Conservative
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/desc = "OTHER NUCLEIC ACID,
SYNTHETIC DNA"
                                                                                                                                                                                                                                                                                                           DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                             double
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Pred. No. 2.3e+03;
                                                                                                                                                                                                                                           Score 13.6; DB 1; Length 20; Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 55, Application PC/TUS9507744A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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APPLICATION NUMBER: 08/250,856
APPLICATION NUMBER: 08/250,856
APPLICATION NUMBER: 1995
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15PH-0135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (609) 779-84
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                            ZIP: 19103
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                      SUFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07744A
FILING DATE: 15-UNNE-1995
                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Plant Genes for TITLE OF INVENTION: and Pathogens NUMBER OF SEQUENCES: 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (609) 779-2400
                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Linear ANTI-SENSE: Yes
APPLICATION NUMBER: 08/2 FILING DATE: June 17, 19 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 210 Lake
CITY: Cherry Hill
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: May 31 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                        STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7102 AATAAGGAAAAATGAAATTA 7121
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                                                                                                                                                                                                                                                                        USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     umber: PCT/US95/07111A
May 31, 1995
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                                        08/261,822
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Pred. No. 2
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Beardell, Lori Y.

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                                                                                                                         ; TOPOLOGY: 1:
; MOLECULE TYPE:
PCT-US95-14418-40
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; Sequence 40, Application PC/TUS9514418
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TELEPHONE: (215) 568-310
TELEPHONE: (215) 568-319
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 40, Applicat GENERAL INFORMATION:
                                                              Matches
                                                                           Query Match
Best Local (
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Best Local
                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                              CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28003/32330
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/14418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEB: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL: N
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                   TELEFAX: 31.,
TELEFAX: 25-3856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 6300 S
                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                    TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6074 CTGGTTCTTTTTCTCTTTAC 6093
                               3626 TGGGGTGGGAGAGGAGGTA 3645
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                                                                             Similarity
 TCGGGGCGGGAGAGGACGAA 1
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                                                              Conservative
                                                                                                                                        DNA (genomic)
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                                                                                                                                                                    single
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                                                                           0.2%;
                                                                                                                                                                                                                                      40:
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                                                            0; Mismatches
                                                                           Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.
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                                                                                          DB 1;
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PCT-US95-15327-40/c
PCT-US95-15327-40/c
Sequence 40, Application PC/TUS9515327
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                           PCT-US96-00331-10
                                                                                                                                                                                                                                                                                                                                                                                            RESULT 2765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PCT-US95-15327-40
                                                                                                                                                                                                                                                                                  Sequence 10, Application PC/TUS9600331
GENERAL INFORMATION:
APPLICANT: GENTA INCORPORATED
TITLE OF INVENTION: METHODS AND COMPOSITION FOR
TITLE OF INVENTION: TREATING TUMOR CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RAME: Gass, Lax.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 2800.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEPAX: 312/474-0448
ZIP: 90071

COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM COmpatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD PEFFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILIAN CLASSIFICATION:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
NAME: Gass, David B.
NAME: 38,153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: TEM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 25-3856
                                                                                                                                                          ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%;
Local Similarity 80.0%;
les 16; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: Sir
                                                                                                                                        COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                               ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3626 TGGGGGTGGGAGAGGAGGTA 3645
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 20 base pairs
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                                                                                                                                              U.S.A.
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00 Sears Tower, 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DNA (genomic)
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Thermus Flavus DNA Polymerase
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Pred. No. 2.3e+03;
                                                                                          1.44 Mb
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South Wacker Drive
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PCT-US96-00547-5/c
                                              NAME: Frommer, William'S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2621
TELECOMMUNICATION: INFORMATION:
TELEPHONE: (212) 840-3333
TELEPHONE: (212) 840-3333
TELEPAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PCT-US96-00331-10
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Best Local Similarity 80.0%;
Matches 16; Conservativo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/371,0
FILING DATE: 10 JANUARY 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Virogenetics Corporation
TITLE OF INVENTION: RECOMBINANT POXVIRUS-HTLV, COMPOSITIONS
TITLE OF INVENTION: AND USES
NUMBER OF SEQUENCES: 56
                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
FILING DATE: 13-JAN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAL Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: PCT/US96/00547
APPLICATION NUMBER: PCT/US96/00547
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: Other Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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REFERENCE/DOCKET NUMBER: 218/068-PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: BIGGS, SUZANNI REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PILING DATE: 10 JA
                                                                                                                                                                                                                                                                                                            FILING DATE: 1
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10036
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1062 CCGTCGCCCTGCTAGCCATC 1081
                                nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Curtis, Morris & Safford, P.C. 530 Fifth Avenue, 25th Floor
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUZANNE
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                  single
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Pred. No. 2.3e+03;
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; Sequence 13, Application US/08933149
; Patent No. 5922836
; GENERAL INFORMATION:
; APPLICANT: PLEMING, TIMOTHY P.
; APPLICANT: PLEMING, TIMOTHY P.
; TITLE OF INVENTION: MAMMAGLOBIN, A
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                                                                                                                       RESULT 2768
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US-08-455-896-13
                                                                                                        US-08-933-149-13/c
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 5668267
GENERAL INFORMATION:
                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (314) 727-609
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: HOLLAND, DONALD R. REGISTRATION NUMBER: 35,197 REGISTRATION NUMBER: 95. TELECOMMUNICATION INFORMATION: TELEPHONE: (314) 727-5188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,896
FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION: NAME: HOLLAND, DONALD R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: WATSON, NAPPLICANT: FLEMING,
                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
HYPOTHETICAL:
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STREET:
ST. ST.
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                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                             21 base pairs
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                                                                                                                                                                                                                                                                                                                                                   linear
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                                                                                                                                                                                                                                                                                                                                     CDNA to mRNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MARK A.
, TIMOTHY P.
   TIMOTHY P.
MAMMAGLOBIN, A SECRETED
MAMMARY SPECIFIC BREAST CANCER PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HOWELL & HAFERKAMP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
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                                                                                                                                                                                                                                            Score 13.6;
Pred. No. 2
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Pred. No. 2.3e+03
                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                            .4e+03;
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                                                                                                                                                                                                                                                              DB 1;
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CORRESPONDENCE ADDRESS:

ADDRESSEE: HOWELL & HAFERKAMP, L.C

7733 FORSYTH BOULEVARD, SUITE 1400

STREET:

SIDOT

NUMBER OF SEQUENCES:

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US-09-082-343-13/c
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equeix-
atent io. 5966;.
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TINOTHY P.
APPLICANT: FLEMING: DIAN SEQUENCE AND ENCODED
TYPE OF INFENTION: MANMARY-SPECIFIC BREAST /
                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13, Application US/09082343 Patent No. 5968754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:

NAME: HENDERSON, MELODIE W.

REGISTRATION NUMBER: 37,848

REFERENCE/DOCKET NUMBER: 6029

TELECOMMUNICATION INFORMATION:

TELEPHONE: (314) 727-5188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: lir
MOLECULE TYPE:
HYPOTHETICAL: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,149
                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: ST. LOU
STATE: MISSOU
COUNTRY: USA
                                                                                                                                                                                                    STATE: M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE
                                                  FILING DATE:
                                                                  APPLICATION NUMBER:
                                                                                                                                                                                        ZIP:
                                                                                                                                                                                                                                       CITY: ST. LOUIS
                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 424
                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH: 21 base pairs
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                                                                                                                                                                                      63105-1817
                                                                                                                                                                                                                       MISSOURI
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7733 FORSYTH BOULEVARD, SUITE 1400
                                                                                                                                                                                                       USA
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08/455,896
                                                                  US/09/082,343
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 13.6; DB 1;
Pred. No. 2.4e+03;
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                                                                                                                                                                                                                                                                                                                         CANCER PROTEIN
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                                                                    US-08-863-639A-10
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Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10, Application US/08863639A
PATENT NO. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Caskey, C. T.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLICONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Matches 16; Conserv
                                                                                                                                                                                                          REGISTRATION NUMBER: 20,534
REGISTRATION NUMBER: 1185
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1796-44000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (314) 727-60 INFORMATION FOR SEQ ID NO:
                                                                                                                                                 TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Wordberfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueth
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: CI
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                      MOLECULE TYPE: Other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY:
STATE:
                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: May 20 CLASSIFICATION: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                    TOPOLOGY:
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                                                                                                                  STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4020 ААААААGAGAGAAAACAAAA 4039
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                                                                                                                                   nucleic acid
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                                                                                                                                                                                                                                                                                                                                          May 28, 1997
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35,197
ERR: 952726
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 Score 13.6; DB 1; Length 21; Pred. No. 2.4e+03; 0; Mismatches 4; Indels
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     0,
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US-08-416-214A-12/c
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Best Local Similarity
Matches 16; Conserv
                                                                             PALENT NO. 5998596
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Bergan, Raymond; Neckers, Len
TITLE OF INVENTION: Inhibition Of Protein
TITLE OF INVENTION: Kinase Activity By Aptameric Action Of
TITLE OF INVENTION: Oligonucleotides
                                                                                                                                                                                          Sequence 12, Application US/08416214A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/863
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH B. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: MACSON
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MEDIUM TYPE: Diskette, 3.50 inch, 1.44

COMPUTER: IBM compatible

COMPUTER: IBM compatible

COMPUTER: Windows 95

SOFTWARE: Correl Wordberfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
APPLICANT: Caskey, C. T.
APPLICANT: CASKEY, C. T.
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ADDRESSEE: Sheldon & Mak
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                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: sing
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               STREET:
                                ADDRESSEE:
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NEW YORK
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               345 PARK AVENUE
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llarity 80.0%;
Conservative
                                 MORGAN & FINNEGAN
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Pred. No. 2.4e+03;
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NAME: Brown, Kathryn M.
REGISTRATION NUMBER: 34,556
REFERENCE/DOCKET NUMBER: 2026
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: ,10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IEM PC COMPATIBLE
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 421792
INFORMATION FOR SEQ ID NO:
APPLICATION NUMBER: 08/455,89
FILING DATE: 05/31/1995
ATTORNEY_AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE_DOCKET NUMBER: 9527
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LEM PC compatible
COMPUTER: EM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: WATSON, MARK A.
APPLICANT: FLENING, TIMOTHY P.
TITLE OF INVENTION: DA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                       FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
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Local Similarity 80.0%;
les 16; Conservation
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                                                                                                                                                                                                                                                                                                                                                               STREET: 7733 FOR CITY: ST. LOUIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: Single
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                                                                                                           08/455,896
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; Pred. No. 2.4:
0; Mismatches
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                    952726
                                                                                                                                                                                                                     Version #1.25
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2.4e+03;
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RESULT 2775
US-09-509-015-13/c
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                                                                                                                                       Sequence 13, Application US/09509015
PATCHI NO. 6677428
GENERAL INFORMATION:
APPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.
TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION, MARK A
APPLICANT: WATSON, MARK A
APPLICANT: FLEMING, TIMOTHY P
TITLE OF INVENTION: Mammaglobin, A Secreted Mammary-Specific Breast Cancer
TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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Patent No. 6566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EARLIER APPLICATION NUMBER: PCT/US96/08235
EARLIER FILING DATE: 1996-05-31
EARLIER APPLICATION NUMBER: 08/455,896
EARLIER FILING DATE: 1995-05-31
NUMBER OF SEQ ID NOS: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 6029-5134
CURRENT APPLICATION NUMBER: US/09/162,622
CURRENT FILING DATE: 1998-09-29
EARLIER APPLICATION NUMBER: 08/933,149
EARLIER FILING DATE: 1997-09-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (314) 727-609
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
                                                                                                         NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                           4020 AAAAAAGAGAGAAAACAAAA 4039
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                CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/09162622
                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                          MAMMARY SPECIFIC BREAST CANCER PROTEIN
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03
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CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                   COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTH
                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: DNA SEQUENCE AND ENCODED TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST (
                                                                                                                                                                                                                                                                                                                                  STREET: 77
CITY: ST.
STATE: MIS
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: Ploppy disk

CURRENT APPLICATION NUMBER: US/09/509,015

PILING DATE: 30-May-2000

CLASSIFICATION: CURROWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%;
Local Similarity 80.0%;
ses 16; Conservative
                                                                                                            APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: ROGERS, HUMBLE L. .... SUITE 1400 STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
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FILING DATE: 1998-09-18
APPLICATION UNMBER: 08/933,149
FILING DATE: 1997-09-18
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
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Pred. No. 2.4e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CANCER PROTEIN
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TELEPHONE:

(314) 727-5188

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Sequence 119, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, John D.
APPLICANT: Winna, John D.
APPLICANT: Winna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT APPLICATION NUMBER: US/09/475,947A
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 119
LENGTH: 21
APPLICANT: Chetverin, Alexander B.
APPLICANT: Kramer, Fred Russel;
TITLE OF INVENTION: NOVEL OLIGONUCLECTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIFULATING NUCLEIC ACIDS
FILE REFERENCE: 07763-004003
CURRENT APPLICATION NUMBER: US/09/164,249B
CURRENT FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: US 08/473,010
PRIOR APPLICATION NUMBER: US 08/473,010
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-23
PRIOR PILING DATE: 1994-05-23
PRIOR PILING DATE: 1992-02-19
NUMBER OF ESG ID NOS: 18
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
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HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US96-08235-13
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Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: human
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Pred. No. 2.
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Pred. No. 2.4e+03;
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RESULT 2779
US-09-721-154-2/c
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; OTHER INFORMATION: Psuedo-sequence
US-09-721-154-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 14
SOPTWARE: PASTSEQ for Windows Version
SEQ ID NO 2
LENGTH: 24
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Vaisberg,
APPLICANT: Adams, C
                                                                                                                                                                                                                                                                                                                                                         Sequence 11, Application US/08014943A Patent No. 5545551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09721154
Patent No. 6651008
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Best Local Similarity 80.0%;
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APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
APPLICANT: Crompton, Anne
TITLE OP INVENTION: Database system including computer code
TITLE OP INVENTION: for predictive cellular bioinformatics
FILE REFERENCE: CytoP007C2
CURRENT APPLICATION NUMBER: US/09/721,154
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: 15
OTHER INFORMATION: Synthetically derived DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                              APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: Cloning And
                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Match 0.2%;
Local Similarity 80.0%;
                                                                                                                                COUNTRY: U.S.A. ZIP: 10036-2711
                                                                                                                                                                   STATE: New York
                                                                                                                                                                                     STREET: 1155 Av. CITY: New York
                                                                                        MEDIUM TYPE:
                                                                                                                                                                                                                           ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAAAAAAAAAAAAAAA 23
                                                                                                                                                                                                       1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                           Pennie & Edmonds
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US/08/014,943A
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Pred. No. 2.9e+03;
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Pred. No. 2.9e+03;
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                                                                                                                                                                                                                                                                                    Of PUR Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 24;
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 46,
                                                                                                                              FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPAX: (212) 790-9090
TELEPAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 69:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEPHAX: 212 869-8864/9741
                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/470,911
                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Coruzzi, Laura A. REGISTRATION NUMBER: 30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 0:
CLASSIFICATION:
                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08 FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7030 AATAGGAAACCCTCCAAGAA 7049
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Y: U.S.A.
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                                                                            24 base pairs
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1155 Avenue of the Americas
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80.0%; Pred. No. 2.9e+03;
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RESULT 2783
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US-08-470-911-46/c
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Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                        Sequence 46, Application US/08486809
Patent No. 5869622
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ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,911
FILING DATE: 06-UN-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 46, Application US/08470911 Patent No. 5756684
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Best Local Similarity
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APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (212) 869-970
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: CONTUZZÍ, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 69:
TELECOMMUNICATION INFORMATION:
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                        APPLICANT: Johnson, Edward M. APPLICANT: Bergemann, Andrew D. TITLE OF INVENTION: CLONING AND
                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: 1: MOLECULE TYPE:
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STATE: New Yorl
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TELEFAX: (212) 869-9741/8864
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milarity 80.0%;
Conservative
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Pred. No. 2.9e-
0; Mismatches
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Pred. No. 2.9e+03;
                                                                                            EXPRESSION OF PUR PROTEIN
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STATE: N

New York

TRY: U.S.A. 10036-2711

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US-08-181-271A-85
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US-08-486-809-46
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Best Local Similarity 80.0%;
Matches 16; Conservative
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Patent No: 5614395
                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PATEN: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION 15/08/486,809
FILING DATE: 07-UN-1995
CLASSIFICATION: 435
                                                                           TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC TITLE OF INVENTION: DA SEQUENCES AND USES THEREOF NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSER. CTT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/470,911 PILING DATE: 06-JUN-1995 ATTORNEY/AGENT INFORMATION:
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
APPLICANT:
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REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
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                                          STREET: 7 Skyli
                            STATE: New York
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                                                           7 Skyline Drive
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                                                                                                                                                                                                                                                                                                                                       Duesing, John H. Friedrich, Leslie B. Goodman, Robert M.
                                                                                                                                                                                                                                                                      Meins, Jr., Frederick
Montoya, Alice
Moyer, Mary B.
             USA
                                                                                                                                                                                                         Sperison, Christoph
Stinson, Jeffrey R.
                                                                                                                                                                                                                                       Payne, George B.
                                                                                                                                                                                                                                                          Neuhaus, Jean-Marc
                                                                                                                                                                                                                                                                                                                      Harms, Christian
                                                                                                                                                                                                                                                                                                                                                                                            Beck, James J.
                                                                                                                                                                                                                                                                                                                                                                                                        Alexander, Danny C.
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                                                                                                        Query Match
Best Local S
Matches 16
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
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PILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
PILING DATE: 20-OCT 1989
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 6-MAR-1 PRIOR APPLICATION DATA:
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LENGTH: 30 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: 1
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                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: 81
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,
REFERENCE/DOCKET NUMBER:
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4020 AAAAAAGAGAGAAAACAAAA 4039
                                                                                                               16; Conservative
                                                                                                                                                 Similarity
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                                                                                                        Score 13.6; DB 1; Length 30; Pred. No. 3.3e+03; O; Mismatches 4; Indels
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US-08-449-315-85

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Patent No. 5650505
GENERAL INFORMATION:
APPLICANT: Ryals,
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APPLICATION NUMBER: 08/181,271
PILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
PILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
APPLICATION NUMBER: US 07/937,197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,315
FILING DATE: 24-MAY-1007
CLASSIPTOM
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APPLICANT: Stinson, Jeffrey R.
APPLICANT: Uknes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC TITLE OF INVENTION: DAM SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
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APPLICANT:
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APPLICANT:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
              PILING DATE: 20-OCT PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                    FILING DATE: 6-FEB-1989
PRIOR APPLICATION NUMBER: US 07/165,667
APPLICATION NUMBER: US 07/165,667
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APPLICATION NUMBER: US 07/305,566
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COUNTRY:
                                                                                                                 APPLICATION NUMBER: US 07/632,441 FILING DATE: 21-DEC-1990
                                                       APPLICATION NUMBER: US 07/425,504 FILING DATE: 20-OCT 1989
                                                                                                                                                                                                                                       FILING DATE:
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Neuhaus, Jean.
Payne, George B.
Sperison, Christoph
Tingon, Jeffrey R.
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Harms, Christian
Meins, Jr., Frederick
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Alexander, Danny C.
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6-MAR-1992
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                US 07/848,506
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RESULT 2786
US-08-444-803-85
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Best Local Similarity 80.0%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
APPLICANT:
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REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEPAX: (919)541-8689
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ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
FILING DATE: 24-MAR-
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 0
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
                                                                                                                                         APPLICANT: Williams
TITLE OF INVENTION:
TITLE OF INVENTION:
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COMPUTER READABLE FORM:
                        CITY: Hawthorne
STATE: New York
COUNTRY: USA
                                                                                                            CORRESPONDENCE ADDRESS
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                                                                                                                          NUMBER OF SEQUENCES:
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                                                                               7 Skyline Drive
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Montoya, A.-
Mary B.
                                                                                                                                                                                                                                                                                             Harms, Christian
Meins, Jr., Frede
Montoya, Alice
                                                                                                                                       Williams, Shericca C.
VENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
VENTION: DNA SEQUENCES AND USES THEREOF
                                                                                                                                                                                                   Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
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                                                                                           CIBA-GEIGY Corporation
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Pred. No. 3.3e+03;
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TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-444-803-85
                                     Query Match 0.2%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 3.3e+03; Matches 16; Conservative 0; Mismatches 4;
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Vo
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/444,803
FILING DATE: 19-MAY-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                         TELEFAX: (919)541-8689 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 8-MAR-1988

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847

FILING DATE: 6-APR-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
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PRIOR APPLICATION NUMBER: US 07/678,378

PRIVING DATE: 1-APR-1991
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APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
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                                                                                                                                                                                                                                                                                                            NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/165,667
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APPLICATION NUMBER: US (
FILING DATE: 6-NOV-1992
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LENGTH: 30 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/329,018 FILING DATE: 24-MAR-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/580,431 FILING DATE: 7-SEP-1990
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                                                                                                                                                                                                           TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/305,566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08, PTILING DATE: 13-JAN-94
  4020 AAAAAAGAGAGAAAAACAAAA 4039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           21-DEC-1990
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19-MAY-1995
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                                                                              Length 30;
                                         0;
                                           Gaps
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RESULT 2787
US-08-449-043-85
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                                                                                              APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PROFITCA NIMBER: 110/08/4/4 0.443
                                                                                                                                                                                                                                                                                                                                             FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-UUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
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STREET: Hawthorne
CITY: Hawthorne
TTATE: New York
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ADDRESSEE: CIBA-GEIGY Corporation
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FILING DATE: 24-MAY-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: CHEMICALLY RECTITLE OF INVENTION: DNA SEQUENCES NUMBER OF SEQUENCES: 106
                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: UPILING DATE: 20-OCT
                                                                                                                                                                                                                        APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                   FILING DATE: 21-DEC-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Harms, Christian
Meins, Jr., Frede
Montoya, Alice
Moyer, Mary B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ward, Eric R.
Williams, Shericca C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Neuhaus, Jean-Marc
Payne, George B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Beck, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Alexander, Danny C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Goodman,
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                                                   US 07/425,504
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US 07/848,506
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SES AND USES THEREOF
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FILING DATE:
PRIOR APPLICAT:

6-MAR-1992

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Best Local (
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INFORMATION FOR SEQ ID NO: 8t
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base ---
TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Alexander, Danny C.
APPLICANT: Ryals, John A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
PTITING DATE: 13-JAN-1994
                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM CC compatible
COMPUTER: ICC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                               STREET: 520
STREET: 727
CITY: Tarrytown
CTATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTATION NUMBER: 36,129
REFERRATION NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 520 White Plains Road, P.O. Box 2005
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: GOOdman, Robert M.
APPLICANT: Stinson, Jeffrey R.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 00
FILING DATE: 12-APR-1993
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
                                                                                            APPLICATION NUMBER: US
FILING DATE: 31-MAY-95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/580,431 FILING DATE: 7-SEP-1990
                                                                                                                                                                                                                                                              COUNTRY: UZIP: 10591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
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                                     US 08/181,271
                                                                                                                     US/08/456,265A
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US-08-455-416-85

Sequence 85, Application US/08455416
Patent No. 5777200

GENERAL INFORMATION:

APPLICANT: APPLICANT:

Ryals, John A. Alexander, Danny C.

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RESULT 2789
                                                                                                                                              Query Match
Best Local Similarity 80.0
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
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EILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION UNUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION NUMBER: US 07/329,018
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
RILLY CATES. US 08/045,957
                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (919)541-8689 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727/DIV10
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-UUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 27-SEP-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US FILING DATE: 8-MAR-1988 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 07/305,566 FILING DATE: 6-FEB-1989 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 6-NOV-1 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
                                                                                                            4020 AAAAAAGAGAGAAAACAAAA 4039
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                                                                                                                                                                                                                                                                                                                                         nucleic acid
                                                                  AAAAAAAAAAAAACATAA 29
                                                                                                                                                                                                                                                                                                                                                              30 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                          (919)541-8587
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                                                                                                                                                                                                                                                                                                                   single
                                                                                                                                                                          0.2%; Score 13.6; DB 1; Length 30; 80.0%; Pred. No. 3.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US 07/768,122
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
                                                                                                                                                                                       APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/165,667
PILING DATE: 8-MAR-1988
PRIOR APPLICATION NUMBER: US 08/042,847
PILING DATE: 6-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/305,566
PILING DATE: 6-PEB-1989
PRIOR APPLICATION DATA:
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FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 16-JUL-
PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/455,416
FILING DATE: 31-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: CIBA-GEIGY Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
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                                                                                                                     APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                 FILING DATE: 7-SEP-1990 PRIOR APPLICATION DATA:
                                                                                     FILING DATE: 27-SEP-1991 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
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APPLICATION NUMBER: US 0'
FILING DATE: 20-JUN-1989
                                                                   APPLICATION NUMBER:
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Neuhaus, ve...
Thristo
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Friedrich,
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Meins, Jr., Frede
Montoya, Alice
Moyer, Mary B.
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Stinson, Jeffrey R.
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                                                                       US 07/580,431
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                  US 07/368,672
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 0
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: 5-1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DNA
                                                                          SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
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                            FILING DATE: 3:
CLASSIFICATION:
                                         APPLICATION NUMBER: US/08/455,244 FILING DATE: 31-MAY-1995
                                                                                                                                                                                              STATE: New York
                                                                                                                                                                                                                            STREET:
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                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                            ADDRESSEE:
APPLICATION NUMBER:
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Stinson, Jeffrey R.
Uknes, Scott J.
Ward, Eric R.
                                                                                                                                                                                                                              7 Skyline Drive
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(919)541-8689
                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                       Williams, Shericca C.
VENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
VENTION: DNA SEQUENCES AND USES THEREOF
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Harms, Christian
Meins, Jr., Frederick
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Moyer, Mary B.
Neuhaus, Jean-Marc
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Friedrich, Lesli
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Alexander, Danny C.
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Payne, George B.
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 08/181,271
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Pred. No. 3.3e+03
0; Mismatches
                                                                                            Version #1.25
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Alexander, Danny C.

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RESULT 2791
US-08-454-876-85
; Sequence 85, Application US/08454876
; Patent No. 5804693
; GENERAL INFORMATION:
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                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Blmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEPAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 24-MAR-PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
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FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
                                                                                                                                                                                                                                                                                                                  TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 20-UN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
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APPLICATION NUMBER: 1
FILING DATE: 16-JUL-1
PRIOR APPLICATION DATA:
APPLICANT: Ryals, John A.
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FILING DATE: 8-MAR-1988
                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/045,957 FILING DATE: 12-APR-1993
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                                                                                                                                                                                   4020 АЛАЛААGAGAGAAAACAAAA 4039
                                                                                                                                                                                                                        16;
                                                                                                                                                  10 AAAAAAAAAAAAAAAAAAAAAA 29
                                                                                                                                                                                                                          Conservative
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TUMBER: US 08/093,301
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Pred. No. 3.3e
0; Mismatches
                                                                                                                                                                                                                        0,
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COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/454,876
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION UNIMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
APPLICATION NUMBER: US 08/093,301
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION UNIMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION UNIMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLI
                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 07/632,441
PILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
PILING DATE: 20-OCT 1989
PRIOR APPLICATION UNMBER: US 07/848,506
PILING DATE: 6-MAR-1992
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APPLICANT:
APPLICANT:
                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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COUNTRY:
                                                                                                 APPLICATION NUMBER: FILING DATE: 7-SEP
                                                                                                                                                                                         APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
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ADDRESSEE: CIBA-----
ADDRESSEE: CIBA-----
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Ward, Eric R.
Williams, Sher
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Stinson, Jeffrey R.
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Payne, George B
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Meins, Jr., Fred
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JMBER: US 07/368,672
20-JUN-1989
                                                                                                       7-SEP-1990
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CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
DNA SEQUENCES AND USES THEREOF
106
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APPLICANT: Ryals,
APPLICANT: Alexand
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     08-457-364-85
                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,364
                                                                                                                                                                                                                                                                                      APPLICANT: Stinson, J
APPLICANT: Uknes, Sco
APPLICANT: Ward, Eric
APPLICANT: Williams,
TITLE OF INVENTION: C
TITLE OF INVENTION: D
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APPLICANT:
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APPLICANT:
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REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/F1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEPHONE: (919)541-8614
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FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
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Local Similarity 80.0%;
hes 16; Conservative
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CLASSIFICATION: 800
                                                                                                                                                                    COUNTRY:
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Friedrich, Leslie |
Goodman, Robert M.
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Stinson, Jeffrey R.
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Payne, George B.
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Moyer, Mary B.
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Meins, Jr., Frederick
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CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC DNA SEQUENCES AND USES THEREOF
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Pred. No. 3.3e+03;
                                                                      Version
                                                                      #1.25
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                                                                              Matches
                                                                                           Query Match 0.2%; Score 13.6; DB 1
Best Local Similarity 80.0%; Pred. No. 3.3e+03
                                                                                                                                                                                                                                                                                             TELEFAX: (919)541-8689 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
PILING DATE: 20-UN-1989
PRIOR APPLICATION UNDATA:
APPLICATION NUMBER: US 07/
PILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
APPLICATION NUMBER: US 08/
                                                                                                                                                                                                                                                                                                                               NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/F1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
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APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
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APPLICATION NUMBER: US UB/ VT-, ...
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/632,441
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PRIOR APPLICATION NUMBER: US 07/165,667
PILING DATE: 8-MAR-1988
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APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
FILING DATE: 6-MAR-1992
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PRIOR APPLICATION DATA:
                                                                                                                                                                           TOPOLOGY: 15
MOLECULE TYPE:
                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
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APPLICATION NUMBER: US 07/425,504
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FILING DATE: 21-DEC-1990
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FILING DATE: 13-JAN-94
APPLICATION NUMBER: US
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                          4020 AAAAAAGAGAGAAAACAAAA 4039
                                                                              16; Conservative
10 AAAAAAAAAAAAAACATAA 29
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                                                                              0; Mismatches
                                                                                                                     DB 1;
                                                                                                                   Length 30;
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RESULT 2793 US-08-456-262-85 ; Sequence 85, Application ; Patent No. 5851766 ; Patent No. 5851766

US/08456262

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GENERAL INFORMATION:

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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
APPLICANT:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                   APPLICATION NUMBER: US 07/425,504
FILLING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
                                                                                  FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 27-SEP-1991
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APPLICATION NUMBER: US 07/632,441
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APPLICATION NUMBER: US 07/305,566
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                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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FILING DATE: 13-JAN-94
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Stinson, Jeffrey R.
Uknes, Scott J.
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Moyer, Mary B.
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Harms, Christian
Meins, Jr., Fred
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Payne, George B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Beck, James J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CIBA-GEIGY Corporation
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                                  7-SEP-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Alice
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                                                                                                    US 07/768,122
                                                                                                                                                                                                                                                                                                                                                               US 07/165,667
                                                  US 07/580,431
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                                                                                                                                                                                                                                                                                                              US 08/042,847
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US 07/368,672
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ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Vei
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,240
FILING DATE: 31-MAY-1995

Version #1.25

COUNTRY: US'

7 Skyline

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; MOLECULE TYPE:
US-08-456-262-85
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                                                                                                                                                                                                                                                                                                                                                                       RESULT 2794
                                                                                                                                                                                                                                                                                                                                  Sequence 85, Ap
Patent No. 5856
                                                                                                                                                                                                                                                                                                                 Patent No. 5856154
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.2%;
Best Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (919)541-868
INFORMATION FOR SEQ ID NO:
                                                                                                                        APPLICANT:
                                                                                                                                                   APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEPAX: (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 20-JUN-:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
FILING DATE: 24-MAR-:
                            CORRESPONDENCE ADDRESS:
                                                     TITLE OF INVENTION:
                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                   APPLICANT
ADDRESSEE:
STREET: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 12-APR
                                                                                                                                                                                                                                                                                                                                                                                                                                         4020 AAAAAAGAGAGAAAACAAAA 4039
                                                                                                                                                                                                                                                                                                                                                                                                                10 AAAAAAAAAAAAAAAAAAAAAAA 29
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                                                                                                                                                                                                                                                                                                                                             Application US/08456240
                                                                                                                                                                                         Harms, Christian
Meins, Jr., Frede
Montoya, Alice
                                                                               Williams,
                                                                                         Uknes, Scott
Ward, Eric R.
                                                                                                                        Sperison, Christoph
Stinson, Jeffrey R.
                                                                                                                                                  Neuhaus, Jean-Marc
Payne, George B.
                                                                                                                                                                              Moyer, Mary B.
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                                                                                                                                                                                                                                              Duesing, John H. Friedrich, Lesli
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CIBA-GEIGY Corporation
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                                                                                                                                                                                                                                                                            James J.
                                                                                                             Scott J.
                                                     CHEMICALLY REC
                                                                                                                                                                                                                                   Robert M.
                                          106
                                                                                  Shericca C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     36,129
                                                                                                                                                                                                         Frederick
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            S-19825/P1/CGC 1727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.6;
Pred. No. 3.
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                                                       REGULATABLE AND ANTI-PATHOGENIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 30;
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GENERAL INFORMATION:

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RESULT 2795
US-08-455-736-85
; Sequence 85, Application US/08455736
; Patent No. 5880328
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MOLECULE TYPE:
US-08-456-240-85
                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILING DATE: 27-SEF-127-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
APPLICATION TATE: 7-SEF-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
FRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PILING DATE: 6-MAK-1>>2
PILING DATE: 6-MAK-1>>2
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/768,122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1-APR-1991 PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PILING DATE: 7-SEP-1:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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APPLICATION NUMBER:
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FILING DATE: 6-FEB-1989
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RIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/937,197 FILING DATE: 6-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 13-JAN-94
                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08/045,957 FILING DATE: 12-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/329,018 FILING DATE: 24-MAR-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 08/042,847 FILING DATE: 6-APR-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                   4020 AAAAAAGAGAGAAAACAAAA 4039
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                                                                                                                    AAAAAAAAAAAAACATAA 29
                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                        85:
                                                                                                                                                                                     Score 13.6; DB 1;
Pred. No. 3.3e+03;
0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             S-19825/P1/CGC 1727
                                                                                                                                                                                                                       Length 30;
                                                                                                                                                                                           Indels
                                                                                                                                                                                           0
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MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,736
FILING DATE: 31-MAX-1995
CLASSIFICATION: 435
PRIOR APPLICATION UNMBER: 08/181,271
APPLICATION NUMBER: 08/181,271
APPLICATION NUMBER: 08/181,271
APPLICATION NUMBER: 08/181,271
APPLICATION NUMBER: 08/181,271
                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/678,378
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION UNMBER: US 07/165,667
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-193
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
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APPLICANT:
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APPLICANT
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APPLICANT
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TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF NUMBER OF SEQUENCES: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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PILING DATE: 16-UUL-1993
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
                                                                                                  APPLICATION NUMBER:
FILING DATE: 6-MAR-1
PRIOR APPLICATION DATA:
                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/632,441 FILING DATE: 21-DEC-1990
                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/937,197
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Harms, Jr., Frederick
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Alexander, Danny
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Neuhaus, Jean-Ma
Payne, George B.
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Priedrich, Lesli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Uknes, Scott J. Ward, Eric R.
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Stinson, Jeffrey R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Beck, James J.
                                                                                                                             6-MAR-1992
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                                                                                   US 07/768,122
                                                                                                                                                US 07/848,506
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RESULT 2796
US-08-971-217-85
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Best Local Similarity 80.0
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 85, Patent No. 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Harms, Christian
APPLICANT: Harms, Christian
APPLICANT: Friedrich, Leslie
APPLICANT: Beck, James
APPLICANT: Ward, Scott
APPLICANT: Ward, Eric
TITLE OF INVENTION: INDUCIBLE HERBICIDE RESISTANCE
NUMBER OF SEQUENCES: 111
                                                 CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/457,364
FILING DATE: 31-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/181,271
FILING DATE: 13-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/093,301
ETILING DATE: 16-MIT-1003
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                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARB: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/971,217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY AGENT INFORMATION:

NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: $-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5942662artis Corporation
STREET: 3054 Cornwallis Road, P.O. Box 12257
CITY: Research Triangle Park
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
FILING DATE: 12-APR-1993
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FILING DATE: 20-JUN-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4020 AAAAAAGAGAGAAAACAAAA 4039
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                                       16-JUL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20-JUN-1989
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US 07/937,197
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US-09-350-600-85

Sequence 85, Application US/09350600 Patent No. 6262342

Patent No. 6262342
GENERAL INFORMATION:
APPLICANT: Meins, I
APPLICANT: Shinshi
APPLICANT: Wenzler

APPLICANT:

Meins, Frederick Shinshi, Hideaki Wenzler, Herman Hofsteenge, Jan Ryals, John Sperisen, Christoph

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RESULT 2797
                                                                                                                                                   Query Match
Best Local
                                                                                                                                 Matches
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FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION NUMBER: US 07/425,504
APPLICATION NUMBER: US 07/425,504
                                                                                                                                                                                                                                                                                                                TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: S-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/0. FILING DATE: 12-APR-1993 ATTORNEY/AGENT INFORMATION: NAME: Meigs, J. Timothy REGISTRATION NUMBER: 38,241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 0 FILING DATE: 24-MAR-1989 PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US
FILING DATE: 7-SEP-1990
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FILING DATE: 20-OCT 1989
PRIOR APPLICATION UDATA:
APPLICATION WHERE: US 07/848,506
FILING DATE: 6-MAR-1992
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APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
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                                                                                                                                                                                                                                         STRANDEDNESS: 811
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FILING DATE: 27-SEP-1991
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                                                                                                                                                 Local
                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
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                                                                                          4020 AAAAAAGAGAGAAAACAAAA 4039
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                                                                                                                             l Similarity
16; Conserv
                                                      AAAAAAAAAAAAACATAA 29
                                                                                                                                                                                                                                                                                                    30 base pairs
                                                                                                                                                                                                                                                                                                                                                           : (919)541-8587
(919)541-8689
                                                                                                                             0.2%;
ilarity 80.0%;
Conservative
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                                                                                                                                                                                                                                                             single
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                                                                                                                             Score 13.6; DB 1; Length 30; Pred. No. 3.3e+03; O; Mismatches 4; Indels
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PILING DATE: 8-MAR-1988
PRIOR APPLICATION NUMBER: US 08/042,847
PILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
COMPUTER: FOR COMPATION
CORRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/580,431 FILING DATE: 7-SEP-1990 PRIOR APPLICATION DATA:
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FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
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FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                       FILING DATE: 27-SBP-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 14-NOV-
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 1
                                                            PRIOR APPLICATION DATA:
                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                  APPLICATION NUMBER: US 07/368,672
PILING DATE: 20-UUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
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PRIOR APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US FILING DATE: 1-APR-1991
                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/768,122 FILING DATE: 27-SEP-1991
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/848,506 FILING DATE: 6-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 07/425,504 FILING DATE: 20-OCT 1989
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                  APPLICATION NUMBER: US 0 FILING DATE: 17-MAY-1989
                                                                                 APPLICATION NUMBER: US 07/381,443 FILING DATE: 18-JUL-1989
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14-NOV-1997
                                                                                                                                                  24-MAR-1989
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RESULT 2798
US-09-906-234-85
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Patent No. 6632981
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (919)541-868
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 1
PILING DATE: 29-JUL-:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: S-
TELECOMMUNICATION INFORMATION:
                                                                                       COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/906,234
FILING DATE: 16-Jul-2001
PRIOR APPLICATION NUMBER: US/09/906,600
FILING DATE: 9-JULY-1999
APPLICATION NUMBER: US/350,600
FILING DATE: 9-JULY-1999
APPLICATION NUMBER: US/350,364
FILING DATE: 31-MAY-1995
APPLICATION NUMBER: US/08/181,271
FILING DATE: 13-JAN-1994
APPLICATION NUMBER: US/08/181,271
FILING DATE: 16-JUL-1993
APPLICATION NUMBER: US/08/93,301
FILING DATE: 16-JUL-1993
APPLICATION NUMBER: US/08/93,301
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6632981artis Corporation
STREET: 3054 Cornwallis Road, P.O. Box 12257
CITY: Research Triangle Park
STATE: NC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sperisen, Christoph
TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES
HAVING BETA-1,3-GLUCANASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Meins,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4020 AAAAAAGAGAGAAAACAAAA 4039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 111
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                                                      APPLICATION NUMBER: US 07/937,197 FILING DATE: 6-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
                  APPLICATION NUMBER: US
FILING DATE: 1-APR-1991
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(919)541-8689
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Wenzler, Herman
Hofsteenge, Jan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 13.6; DB 1; Pred. No. 3.3e+03; 0; Mismatches 4
US 07/305,566
                                     US 07/678,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1;
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FILING DATE:

6-FEB-1989

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; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-906-234-85
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                                                                                                                                                                                                                                                                                                                                                              RESULT 2799
                                                                                                                                                                                                                                                                                Sequence 14, Application US/08522623
Patent No. 5585242
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION
                                                                                                                                                               APPLICANT: Khalil, Omar S.
APPLICANT: Bouma, Stanley R.
APPLICANT: Pabich, Edward K.
TITLE OF INVENTION: METHOD AND DEVICE FOR DETECTION OF
TITLE OF INVENTION: NUCLEIC ACID OR ANALYTE USING TOTAL
NUMBER OF SEQUENCES: 14
                       COMPUTER READABLE FORM:
                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                        COUNTRY: United States of America ZIP: 60064-3500
   MEDIUM TYPE:
                                                                                                                STREET:
                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-198250
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (919)541-8689
WATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     4020 AAAAAAGAGAGAAAACAAAA 4039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16;
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                                                                                           SSEE: Abbott Laboratories
T: One Abbott Park Road
Abbott Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                           Illinois
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 30 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 12-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/045,957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/226,303 FILING DATE: 29-JUL-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/580,431 FILING DATE: 7-SEP-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 6-MAR-1992
APPLICATION NUMBER: US 07/768,122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/329,018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/848,506
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  'ILING DATE: 17-MAY-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TLING DATE: 18-JUL-1989
PPLICATION NUMBER: US 07/353,312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TLING DATE: 18-JUL-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
Floppy disk
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Pred. No. 3
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3.3e+03;
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GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
TITLE OF INVENTION: METHOD AND DEVICE FOR DETECTION OF
TITLE OF INVENTION: NUCLEIC ACID OR ANALYTE USING TOTAL INTERNAL REFLECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/863,553
FILING DATE: 06 APRIL 1992
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5158.US.01
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (708) 937-95
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin and WordPerfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
TYPE: nucleic acid
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (708) 937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY:
LOCATION:
                                                                                                                                                            APPLICATION NUMBER: PFILING DATE: 19930506 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                   COUNTRY: United States of America ZIP: 60064-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity nes 16; Conservat
                                                                                                                                                                                                                                                                                                                                                                                CITY: Abbott Park STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5158.US.01
                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/07/863,553
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                                                                                                                                                                                                                                                                                                                                                                                                                      One Abbott Park Road
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32
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                                                                                                                                                                                                       PCT/US93/03256
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                            5158.US.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 13.6; DB 1
Pred. No. 3.3e+03
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RESULT 2801
US-08-580-242-3/c
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                                                                                                                                          US-08-580-242-3
                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/580,242
FILING DATE: 28-DEC-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Mills, Demetra J.
REGISTRATION NUMBER: 1578-004A
TELEPHONE: 703-684-11124
TELEPHONE: 703-684-11124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.2%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 3.3e+03; Matches 16; Conservative 0; Mismatches 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/08580242
Patent No. 5683988
                                                                                                   Query Match
                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: CHUNG, Hun-Taeg
TITLE OF INVENTION: ANTI-SENSE OLIGODEOXYNUCLEOTIDE TO
TITLE OF INVENTION: PIBROGENIC CYTOKINE TGF-beta AND USE THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (708) 937-2623 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                  TELEFAX: 703-684-1124
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
                                                                                                                                                         MOLECULE TYPE:
ANTI-SENSE: YE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 99 Canal CITY: Alexandria STATE: Virginia
                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: 22314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature LOCATION: 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                                                                    Match 0.2%; Score 13.4; DB 1; Length 15; Local Similarity 93.3%; Pred. No. 1.5e+03;
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||||||| | | | ||| ||||
                                 5642 GGGGGACCCCAGCC 5656
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            B: LOWE PRICE LEBLANC & BECKER
99 Canal Center Plaza, Suite 300
                                                                                                                                                                                                                                                                                                   703-684-1124
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                                                                      Conservative
                                                                                                                                                                       linear
3: DNA (genomic)
                                                                                                                                                          YES
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                                                                      Mismatches
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RESULT 2803
                                                                                                                                                                                                                                 US-08-292-620A-359
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                                                                                                                                                                       Query Match
Best Local (
                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including apperior application data: including apperior application number: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
APPLICANT:
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth S
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                            y Match 0.2%; Score 13.4; DB 1; Local Similarity 13.3%; Pred. No. 1.5e+03; hes 2; Conservative 12; Mismatches 1;
                                                                                                                                                                                                                                                   TYPE: nucleic act STRANDEDNESS: sir TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (213) 489-16
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                      LENGTH:
                                                                                                    4461 GACTTTTTTTTTTT 4475
                                                              1 GAUUUUUUUUUUUU 15
                                                                                                                                                                                                                                                                                               nucleic acid
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Dan T. Stin
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; Sequence 61, Application US/08173489C PAtent No. 5861244 ; GENERAL INFORMATION: APPLICANT: WANG, C. -G. ; APPLICANT: HEPBURN, A. G.

US-08-173-489C-61

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RESULT 2804
US-07-923-871C-20
; Sequence 20, Application US/07923871C
; Patent No. 5912117
; Patent No. 5912117
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Best Local Similarity
Matches 14; Conserv
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FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA: US 07/968,436
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REGISTRATION NUMBER: U9518-6
TELECOMMUNICATION: (Attorney) (212) 708-188
GENERAL INFORMATION:

APPLICANT: White Ph.D, Thomas J.

APPLICANT: Dodge, Deborah E.

TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (attorney) (2
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
POSITION IN GENOME:
CHROMOSOME/SEGMENT: chromosome 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   PUBLICATION INFORMATION:
AUTHORS: Meakin, S O, Breitman, M L, Tsui, L C.
TITLE: Structural and evolutionary
TITLE: relationships among five members of the human
JOURNAL: Molecular and Cellular Biology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
DESCRIPTION: gamma-crystallin gene exons 1 and 2
DESCRIPTION: (Accession # K03003) nucleotides 144 to 158
HYPOTHETICAL: No
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                   PAGES: 1408-1414
DATE: 1985
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: double stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Nucleic Acid
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                                                                                                                                                                                                                                                                              Conservative
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Pred. No. 1
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Patent No. 5955279
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ZIP: 07110-1199
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/923,871C
FILING DATE:
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 8697

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974
               OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/874,266
FILING DATE:
CLASSIFICATION: 435
                                                                                                                                         ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                   APPLICANT: Gatti, Richard A.
TITLE OF INVENTION: ATAXIA-TELANGIECTASIA: MUTATIONS IN THE ATM GENE
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
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HYPOTHETICAL: NO
ANTI-SENSE: NO
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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hes 14; Conserv
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                COMPUTER:
                                                                                                                                                                                                                                        ADDRESSEE: Knobbe, Martens, Olson and Bear STREET: 620 Newport Center Drive 16th Flor CTTY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Hoffmann-La Roche Inc. STREET: 340 Kingsland Street
                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                              STATE:
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                                                                                                                            IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 1.5e+03; tive 0; Mismatches 1; Indels
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APPLICATION NUMBER:

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Best Local S
Matches 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Hudson,
APPLICANT: Hakky,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                               TELEFAX: (410) 461-3067
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                COMPUTER: IBM
OPERATING SYSTEM: Windows 95
OPERATING SYSTEM: Windows 7.0
SOFTWARE: Wordberfect for Windows 7.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,204C
FILING DATE: 7/15/97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: DIAGNOSTIC AND PROGNOSTIC MARKER TITLE OF INVENTION: FOR METASTATIC ADEMOCARCINOMA NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Ways Vensko, Nancy REGISTRATION NUMBER: 36,298 REFERENCE/DOCKET NUMBER: UCTELECOMMUNICATION INFORMATION: TELEPHONE: 619-235-8550
                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inches,
MEDIUM TYPE: 1.44Mb storage
                                                                                                                                               REFERENCE/DOCKET NUMBER: MR2493-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (410) 465-6678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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MOLECULE TYPE: DN
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                        TYPE: ...
STRANDEDNESS: bi...
STRANDEDNESS: bi...
STRANDEDNESS: bi...
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Rosenberg, Klein & Bilker STREET: 3444 Ellicott Center Drive, Suite 105 CITY: Ellicott City
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nes 14; Conserv
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TYPE: nucleic acid
single
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TOPOLOGY: 111
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                                                                                                                                                                                                NAME: Rosenberg, Morton
REGISTRATION NUMBER: 26,049
                                                                                 ENGTH:
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Hakky, Said I.
Meyer-Siegler, Katherine
Hakki, A-Hamid
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Pred. No. 1.5e+03;
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Query Match
Best Local Similarity
Watches 14; Conserve
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US-08-832-021-38
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APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Erouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 26, App. 8045998
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Best Local Similarity
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                                                                                                                                                                                                         Sequence 38, Application US/08832021 Patent No. 6045998
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardino, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORIGINAL SOURCE: synthetic
PUBLICATION IMPORMATION:
AUTHORS: Katherine Meyer-Siegler
AUTHORS: Perry Hudson
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                                                                                                                                                                                           INFORMATION:
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Pred. No. 1
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Pred. No. 1
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                                                                                            CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 44
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
                                                                                                                                                                                                                                                                                                          Sequence 48, Applicat Patent No. 6045998 GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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OTHER INFORMATION: Description -08-832-021-48
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OTHER INFORMATION: Description of Artificial Sequence: primer
-08-832-021-44
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                                                                                                                                                                         APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
APPLICANT: STENDI, IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
FILE REFERENCE: JBP-382
                                                                                                                                                                                                                                                    APPLICANT: Combates, N. APPLICANT: Pardinas, J. APPLICANT: Parimoo, S.
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                                       LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                 FEATURE:
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93.3%; Pred. No. 1.
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Pred. No. 1.5e+03
                of Artificial Sequence:
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GENERAL INFORMATION:

APPLICANT: Combates, N.

APPLICANT: Pardinas, J.

APPLICANT: Pardinas, S.

APPLICANT: Pardinos, S.

APPLICANT: Erouty, S.

APPLICANT: Eronty, S.

APPLICANT: Stenn, K.

ITILE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 50

LENGTH: 15
                                                 Query Match
Best Local Similarity
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US-08-832-021-52
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                                                                                                                                     US-08-832-021-52
                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 52
LENGTH: 15
TYPE: DNA
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Best Local Similarity
Matches 14; Conserv
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APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: JBP-382
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                         FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
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   TTTTTTTTTTGGT 15
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                                                                                  93.3%;
                                                                                  0.2%; Score 13.4; DB 1; 3.3%; Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
0; Mismatches 1
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Pred. No. 1.5e+03;
                                                                    Mismatches
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US-08-832-021-55
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                                                   RESULT 2815
US-08-832-021-56
                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-55
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                                                                                                                                                                                    Query Match
Best Local S:
Matches 14
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APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: 097-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 54
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 54, Application US/08832021
Patent No. 6045998
GENERAL INFORMATION:
Sequence 56, Application US/08832021 Patent No. 6045998 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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Patent No. 6045998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Combates, N. APPLICANT: Pardinas, J. APPLICANT: Parimoo, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                            ENGTH: 15
                                                                                                                                                                                     Local Similarity hes 14; Conservat
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Pred. No. 1.5e+03;
0; Mismatches 1;
                                                                                                                                                                                                       Score 13.4; DB 1; Pred. No. 1.5e+03;
                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                       Length 15
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
ITTLE OF INVENTION: IMPROVED TECHNIQUE FOR DI
FILE REFERENCE: JBP-382
CURRENT FILING DATE: 1997-04-02
UMMBER OF SEQ ID NOS: 64
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 58
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 2816
US-08-832-021-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-56
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SEQ ID NO 56
LENGTH: 15
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                   Sequence 59, Application US/08832021 Patent No. 6045998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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Patent No. 6045998
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Best Local
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APPLICANT: Paridnas, J.
APPLICANT: Paridno, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
APPLICANT: OF INVENTION IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
                 APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
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Pred. No. 1.5e+03;
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                                                                                                                                                                                                                                                                                                                                                                                   Length 15;
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-59
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US-08-913-833-25/c
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Matches
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CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 59
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 60
LENGTH: 15
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Patent No. 6045998
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                                                                                                                                       GENERAL INFORMATION:
APPLICANT: STUYVER,
APPLICANT: LOUWAGIE, JOOST
APPLICANT: ROSSAU, RUDI
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardino, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JEP-382
FILE REFERENCE: JEP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
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TYPB: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                                              NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ARNOLD, W
COMPUTER READABLE FORM:
       COUNTRY: USA
77210-4433
                                                CITY: HOUSTON STATE: TEXAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity 93.
                                                                                 STREET:
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                                                                                   P.O. BOX 4433
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                                                                                                 WHITE & DURKER
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Pred. No. 1.5e+03;
0; Mismatches 1
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Pred. No. 1.5e+03,
0; Mismatches
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Best Local Similarity
Matches 14; Conserv
Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: MICCOSOFT WORD 6.0 / ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833
PILING DATE: 15 Sep 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/00211
PILING DATE: 17 Jan 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870005.4
PILING DATE: 26 Jan 1996
PRIOR APPLICATION NUMBER: EP 96870081.5
APPLICATION NUMBER: EP 96870081.5
                 Sequence 359,
                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: KLAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: 17N
INFORMATION FOR SEQ ID NO: 25:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 25 Jun 1996
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DI
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                    ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                          LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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COMPUTER: II
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   613296
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                   Application US/09071845
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                                                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                                                                         0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 1.5e+03;
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                                                                                                                                                                                                                           Length 15;
                                                                                                                                                                                           0
                                                                                                                                                                                           Gaps
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RESULT 2820 US-09-071-845-359 GENERAL INFORMATION:
APPLICANT: Susan APPLICANT: Dan T. Sti APPLICANT: James McSw APPLICANT: Sean Sulli APPLICANT: Kenneth G. TITLE OF INVENTION: D TITLE OF INVENTION: D TITLE OF INVENTION: R TITLE OF INVENTION: M TITLE OF INVENTION: M COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA: COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage COUNTRY: U.S. CORRESPONDENCE ADDRESS: ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth STREET: Suite 4700 CITY: Los Angeles ZIP: 90071-2066 APPLICATION NUMBER: US/09/071,845 Kenneth G. Draper
VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
VENTION: RELATED TO LEVELS OF
VENTION: INTRACELLULAR ADHESION
VENTION: MOLECULE-1 (I-CAM-1) Dan T. Stinchcom James McSwiggen Sean Sullivan Susan Grimm Stinchcomb 2390 Street 1.44 Mb

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US-09-180-437-104
RESULT 2822
US-09-054-832-28
; Sequence 28, Application US/09054832
; Patent No. 6312894
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                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 1110-209P
CURRENT APPLICATION NUMBER: US/09/180,437
CURRENT FILING DATE: 1998-11-06
EARLIER APPLICATION NUMBER: PCT/JP98/00953
EARLIER FILING DATE: 1998-03-09
EARLIER APPLICATION NUMBER: 09-053518 JAPAN
EARLIER FILING DATE: 1997-03-07
NUMBER OF SEQ 1D NOS: 289
SOFTWARE: Patentin Ver: 2.0
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                                                                                                                                                       Query Match
Best Local Similarity 93.3
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APPLICANT: FUKUSAKO, Shioji
APPLICANT: MORISAWA, Yoshifumi
APPLICANT: KUSUYAWA, Takeshi
TITLE OF INVENTION: Antisense Compounds to CD14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%;
Best Local Similarity 13.3%;
Matches 2; Conservative 1
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Patent No. 6251873
                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 104
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:other nucleic OTHER INFORMATION: acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: August 17, 194
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: I
FILING DATE: August
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TELEPAX: 67-3510
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4461 GACTITITITITITI 4475
                                                                                                                                   7414 AGCAGCAGCAGCAGC 7428
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                                                                                                                                                                                       0.2%; Score 13.4;
93.3%; Pred. No. 1.
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Pred. No. 1.5e+03;
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                                                                                                                                                                                       4; DB 1;
1.5e+03;
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APPLICANT: Stuyver, Lieven
APPLICANT: Louwagie, Joost
APPLICANT: Louwagie, Joost
APPLICANT: Nessau, Rudi
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
CURRENT APPLICATION NUMBER: US/09/580,794C
CURRENT FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: DOTOS 13,833 now US/6,087,093
PRIOR FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR APPLICATION NUMBER: EP 9687005.4
PRIOR APPLICATION NUMBER: BP 96870081.5
PRIOR FILING DATE: 1996-01-26
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEO ID NOS: 154
CONTANDER DATE: 1996-10-30
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APPLICANT: Meyer, Rich
TITLE OF INVENTION: MUSH
TITLE OF INVENTION: MISH
TITLE OF INVENTION: COM-
                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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APPLICATION NUMBER: 08/415,370
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: Windows SOPTWARE: FastSEQ for Windows Version 2.0b CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
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CORRESPONDENCE ADDRESS:
ADDRESSEB: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 650-813-5600
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TELEFAX: 706141
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/054,832 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Brennan, Sean M
REGISTRATION NUMBER: 39
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER:
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Local Similarity 93.3%;
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Pred. No. 1.5e+03;
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Requence 207, Application US/09081646

Patent No. 6333152

GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth
APPLICANT: Kinzler, Kenneth
APPLICANT: Chang, Lin
APPLICANT: Zhou, Wei
ITITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
ITITLE OF INVENTION: Cancer Cells
ITITLE OF INVENTION: CANCER CELLS
CURRENT APPLICATION NUMBER: US/09/081,646

CURRENT APPLICATION NUMBER: US/09/081,646

CURRENT FILING DATE: 1998-05-21

EARLIER APPLICATION NUMBER: 60/047,352

EARLIER APPLICATION DATE: 1997-05-21
GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
ITITE OF INVENTION: Gene Expression Profiles in No. 633
ITITE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 788
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-788
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; ORGANISM: Homo sapiens
US-09-081-646-207
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 871
SOFTWARE: FASUSEQ for Windows Version 3.0
SEQ ID NO 207
LENGTH: 15
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LENGTH: 15
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Best Local Similarity 93.3%;
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Best Local :
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Local Similarity 93.3%;
nes 14; Conservative
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Pred. No. 1.
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Pred. No. 1.5e+03;
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          Sequence 7, Application US/09031952A
Patent No. 6395476
GENERAL INFORMATION:
APPLICANT: Thomas, Howard C.
APPLICANT: Summerfield, John A.
APPLICANT: Janice, Main
TITLE OF INVENTION: METHODS OF PREDICTING THE OUTCOME OF INFECTION
FILE REFERENCE: Thomas
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Best Local Similarity
Matches 14; Conserv
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Best Local (
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                                                                                                                                                                                                                                                                                              Matches
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Vers
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/618,834C
FILING DATE: 19-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: Ritter, Michael J.
REGISTRATION UNMBER: 36,653
REFERENCE/DOCKET NUMBER: AFFY
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
FILE REFERENCE: Thomas
CURRENT APPLICATION NUMBER: US/09/031,952A
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                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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STREET: 4:
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CA
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4906 Bl Camino Real, Suite 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                          0.2%; Score 13.4; DB 1; ilarity 93.3%; Pred. No. 1.5e+03; Conservative 0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Version #1.30
                                                                                                                                                                                                                                                                                                                             Length 15;
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APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Wren, John D.
APPLICANT: Winna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Ger
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 164
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE: 1998-01-27

EARLIER APPLICATION NUMBER: 9515393.8

EARLIER FILING DATE: 1995-07-27

EARLIER APPLICATION NUMBER: 9521025.8

EARLIER FILING DATE: 1995-10-13

EARLIER APPLICATION NUMBER: 9614414.2

EARLIER FILING DATE: 1996-07-09

EARLIER APPLICATION NUMBER: PCT/GB96/01819

EARLIER APPLICATION NUMBER: PCT/GB96/01819

EARLIER APPLICATION NUMBER: PCT/GB96/01819

EARLIER APPLICATION NUMBER: PCT/GB96/01819

EARLIER PILING DATE: 1996-07-25

INUMBER OF SEQ ID NOS: 8

SOFTWARE: PALENTIN Ver. 2.0

SEQ ID NO 7
                                                                 S-09-640----
Sequence 28, Applicate.

Sequence 28, Applicate.

Sequence 28, Applicate.

Sequence 28, Applicate.

Sequence 28, Application

Patent No. 6492346

; GENERAL INFORMATION: IMPROVED HYBRIDIZATION AND MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES CONJUGATED TO MINOR GROOVE BINDERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 2828
US-09-475-947A-164
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                                                                                                                                                                                                                                                                                                         RESULT 2829
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6472154
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3931 CTTTTCTCCCTTGAT 3945
                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                 4464 TITTTTTTTTTTT 4478
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               CITY: PALO ALTO
STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 1.5e+03; tive 0; Mismatches 1; Indels
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Pred. No. 1.5e+03;
0; Mismatches 1;
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GENERAL INFORMATION:

APPLICANT: Philibert, Robert A.

APPLICANT: Ginns, Edward I.

APPLICANT: Ginns, Edward I.

APPLICANT: Ginns, Edward I.

APPLICANT: Ginns, Edward I.

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE TITLE OF INVENTION: UNMEER: US/09/491,356C

CURRENT APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: BOS/083,465

PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-04-29
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US-09-491-356C-19
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                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens
US-09-491-356C-19
                                                                                                                                                                                                                                                                                                                                                                                                SOPTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 15
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                    Query Match
Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
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INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNMBER: US/09/640,953
FILING DATE: 16-Aug-2000
PRIOR APPLICATION NUMBER: US/09/054,832
APPLICATION NUMBER: US/09/054,832
FILING DATE: 03-APR-1998
APPLICATION NUMBER: 08-415,370
PILING DATE: 03-APR-1995
AFTORNEY/AGENT INFORMATION:
NAME: BYSTEAM OF THE PROPRIET OF T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                               7413 CAGCAGCAGCAGCAG 7427
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                                                                                                                                                  h 0.2%; Score 13.4; DB 1; Similarity 93.3%; Pred, No. 1.5e+03; 14; Conservative 0; Mismatches 1;
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20004.20
        CAGCAGCAGCAACAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/09491356C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 15;
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; MOLECULE TYPE: 1
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US91-01574-20
                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Watches 14; Conserve
                                                                                                                                                                                                                                                                                                           US-08-753-147-188
                                                                                                                                                                                                                                                                                                                               RESULT 2832
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                                                                                                                                                                                                                                                                      Sequence 188, Application US/08753147 Patent No. 5770372
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 489,676
PILING DATE: 07-MAR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Kaster Kevin R.
REGISTRATION NUMBER: 32,704
REFERENCE/DOCKET NUMBER: 2536.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 420-3444
TELEPHONE: (415) 420-3444
TELEPHONE: (415) 658-5239
                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 4992659
INFORMATION FOR SEQ ID NO:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: White Ph.D, Thomas J.
APPLICANT: Dodge, Deborah E.
TITLE OP INVENTION: Method for Diagnosis of Lyme Disease
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
                                                                                                                                                                  APPLICANT: Concannon, Patrick
TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
NUMBER OF SEQUENCES: 196
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1400 Fift
CITY: Emeryville
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 15 base pairs
                                                           COUNTRY: USA
ZIP: 98101-2347
                                                                                                                     CITY: Seattle
                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 19910307
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                        ADDRESSEE:
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                                                                                             Washingtion
                                                                                                                                 E: Christensen O'Connor Johnson and Kindness
1420 5th Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Cetus Corporation
1400 Fifty-Third Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 1.5e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sap
US-08-753-147-188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 2833
US-08-173-489C-126/c
; Sequence 126, Application US/08173489C
; Patent No. 5861244
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INFORMATION FOR SEQ ID NO: 11
SEQUENCE CHARACTBRISTICS:
FENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
TELEPHONE: (attorney)
TELEFAX: (attorney) (2
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U95
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212)
                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Sheiness, Diana K.
REGISTRATION NUMBER: 35,356
REFERENCE/DOCKET NUMBER: VMRC-1-9714
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 743-4387
                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 22 DEC 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: GETITLE OF INVENTION: TR NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: WANG, C. -G. APPLICANT: HEPBURN, A. G.
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TELEPHONE: (206)
                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 510 EA
CITY: NEW YORK
                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 10021.
                                                                                                                                                                                                                                                                                                                                                                                                                                STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/753,147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5343 TCTCTCCAGTTGGTT 5357
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EDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                                                NEW YORK
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                                                                                                                                                                                        US 07/968,436
                                      (212) 246-8959
                                                                                                                                                                                                                                                             US/08/173,489C
                                                       (212) 708-1880
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Pred. No. 1.7e+03;
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RESULT 2834
US-08-770-235A-62
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                                                                                                                                                      TELEPAX: (415)
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
1.ENGTH: 16 base pairs
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Best Local (
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Query Match 0.2*; Score 13.4; DB 1; Best Local Similarity 53.3*; Pred. No. 1.7e+03; Matches 8; Conservative 6; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 593953
                                                                                                                                                                                                                                                             CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/027,8

PILING DATE: 25-0CT-1996

PILING DATE: 25-0CT-1996

ATTORNEY/AGENT INFORMATION:
NAME: QUINE, JONACHAN A.
REGISTRATION UNMBER: P-41,261
REPERENCE/DOCKET NUMBER: 016556

TELECOMMUNICATION INFORMATION:
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DESCRIPTION: third strand derived from alpha-2-
DESCRIPTION: globin sequence region in Seq ID No. 5861244125
HYPOTHETICAL: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Yu, Mang
TITLE OF INVENTION: Methods and Compositions for Inhibiting
TITLE OF INVENTION: HIV Infection of Cells By Cleaving HIV Co-Receptor RNA
NUMBER OF SEQUENCES: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Leavitt,
APPLICANT: Tritz, Ri
APPLICANT: Feng, Yu
                                                                                               TOPOLOGY: linear MOLECULE TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Barber, Jack
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STRANDEDNESS: single stranded
TOPOLOGY: linear
                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/770,235A FILING DATE: 19-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: San Francisco
                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                 TELEPHONE:
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ilarity 93.3%;
Conservative
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Pred. No. 1.
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                                       Length 16;
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Sequence 1, Application US/08645411C
Sequence 1, Application US/08645411C
Patent No. 6444798
PAPELICANT: Steven A. Benner
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSE: Steven A. Benner
STREET: 1501 NW 68th Terrace
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 18
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600 x131
TELEPAX: (415) 349-7392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPAX: (415) 349-7392 INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
COMPUTER:
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APPLICANT: TIAN, HUAN
APPLICANT: WINSLOW, GENINE A
APPLICANT: SIEKEVITZ, MIRIAM
TITLE OF INVENTION: MULTISPECIFIC CHIMERIC RECEPTORS
NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEB:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7181 GGTGGGCATGTGTGA 7195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 UAUUGUCAUCCUGUC 16
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CALIFORNIA
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322 LAKESIDE DRIVE
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SMITH, DOUGLAS H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.2%; Score 13.4; DB 1; Length 16; 93.3%; Pred. No. 1.7e+03; tive 0; Mismatches 1; Indels
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CITY: Gainesville STATE: FL

United States

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US-08-645-411C-2
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APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352 392 7773
TELEPAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/08645411C Patent No. 6444798 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 14;
                                                                                                                                                                              FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMUNICATION INFORMATION:
TELEPHONE: 352 392 7773
TELEPAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                   COMPUTER: Apple MacIntosh
OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
                 ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Steven A. Benner
STREET: 1501 NW 68th Terrace
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SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Steven A. Benner
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: other nucleic acid
                                                           MOLECULE
                                                   STRANDEDNESS: single
TOPOLOGY: linear
TULE TYPE: other nucleic acid
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STRANDEDNESS: single
TOPOLOGY: linear
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OPERATING SYSTEM: MacIntosh 7.0
SOPTWARE: Microsoft Word
                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Gainesville
                                                                                                                                          LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      32605
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93.3%; Pred. No. 1.
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                                                                                                                                               Sequence 7, Application US/08645411C
Patent No. 6444798
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Steven A. Benner
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
NUMBER OF SEQUENCES: 11
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GENERAL INFORMATION:
APPLICANT: Steven A. Benner
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: Apple MacIntosh
OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 136/24.1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            0.2%;
Local Similarity 93.3%;
les 14; Conservation
COMPUTER READABLE FORM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: sir
TOPOLOGY: linear
MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs NUMBER OF SEQUENCES: 11
                                                                                                                                CORRESPONDENCE ADDRESS:
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                                                       STATE: FL
                                                                                          ADDRESSEE: Steven A. Benner STREET: 1501 NW 68th Terrace
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Steven A. Benner STREET: 1501 NW 68th Terrace CITY: Gainesville
                                 COUNTRY:
                                                                        CITY: Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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                                   United States
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Pred. No. 1.7e+03;
0; Mismatches 1;
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Pred. No. 1.7e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
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RESULT 2840
US-08-645-411C-8
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                                                                                         US-08-645-411C-8
                                                                                                                                                                                                                                                                             MEDIUM TYPE: 3.5 inch diskette
COMPUTER: Apple MacIntosh
OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION: 536/24.1
TELECOMMUNICATION: 1950 27773
TELEFAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 8, Application US/08645411
Patent No. 6444798
GENERAL INFORMATION:
GENERAL Steven A. Benner
APPLICANT: Steven A. Benner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches 14;
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Query Match 0.2%; Score 13.4; DB 1; Length 16; Best Local Similarity 93.3%; Pred. No. 1.7e+03; Matches 14; Conservative 0; Mismatches 1; Indels
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Local Similarity 93.3%;
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APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352 392 7773
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6063 TTTTTCTAAATCTGG 6077
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                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                               SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
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OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
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STREET: 1501 NW 68th Terrace
CITY: Gainesville
STATE: FL
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STRANDEDNESS: single
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                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
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Pred. No. 1.7e+03;
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Best Local S
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                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
APPLICANT: Paveo, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
FITIE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/99/371,772B
CURRENT FILING DATE: 1995-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
RIOR APPLICATION NUMBER: US 08/584,040
RIOR RILING DATE: 1995-01-08
RUMBER OF SEQ ID NOS: 14225
ROTATION STATE OF SEQ ID NOS: 14225
                                                                                                                                                                                                                                                                                                              APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
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OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
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COMPUTER READABLE FORM:
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NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEB: Steven A. Benner
STREET: 1501 NW 68th Terrace
CITY: Gainesville
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Similarity 93.3%;
14; Conservative
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STRANDEDNESS: single
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Pred. No. 1.7e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 16;
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Best Local Similarity

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; TYPE: RNA; Homo sapiens US-09-479-005A-487
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; ORGANISM: Homo sapiens
US-09-371-772B-5982
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Best Local Similarity
Watches 10; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-479-005A-487/c
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                                                                                            SOFTWARE: PatentIn version 3.0 SEQ ID NO 487 LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                           Sequence 487, Application US/09479005A Patent No. 6656731
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 95, Application US/09479005A Patent No. 6656731
GENERAL INFORMATION:
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Best Local (
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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 95
                                                                                                                                                                                                                                           APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFEROCS: MBHHB00-864-C
CURRENT APPLICATION NUMBER: US/09/479,005A
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/479,005A CURRENT FILING DATE: 2000-01-07 PRIOR APPLICATION NUMBER: US 09/444,209 PRIOR FILING DATE: 1999-11-19 PRIOR APPLICATION NUMBER: US 09/159,274 PRIOR PILING DATE: 1998-09-22 PRIOR FILING DATE: 1998-09-22
                                                                                                                                                 PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
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TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBHB00-884-C
                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/159,274
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
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0.2%; Score 13.4;
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Pred. No. 1.
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Pred. No. 1.7e+03;
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DB
1:
Length 16;
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PCT-US96-01600-8
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                             GENERAL INFORMATION:
APPLICANT: CONDRA, I
APPLICANT: GOTLIB, I
APPLICANT: GOTLIB, I
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                                                                                                                                   Sequence 3, Application US/08045264A Patent No. 5436131
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
COPRATION SYSTEM: PC-US96/01600
FLILING DATE: 06-FEB-1996
CLASSIFICATION:
APPLICATION:
APPLICATION:
APPLICATION:
APPLICATION:
APPLICATION:
APPLICATION:
APPLICATION:
APPLICATION:
APPLICATION:
AFTONNEY/AGENT INFORMATION:
NAME: COTUZZI, Laura A.
REGISTRATION NUMBER: 30,742
REGISTRATION NUMBER: 7639-051-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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NUMBER OF SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (212)
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1155 Avenue of the Americas
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VENTION: Multispecific Chimeric Receptors
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                             LEAH
COLOR SCREENING ASSAY FOR IDENTIFYING
DRUG-RESISTANT HIV PROTEASE MUTANTS AND INHIBITORS
THEREOF.
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                                                                                                                                                                               DONALD J.
                                                                                                                                                                                                                JON H.
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US-08-281-940-24/c
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Best Local Similarity
Matches 14; Conserv
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MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh IIci
OPERATING SYSTEM: System 7
SOFTWARE: Microsoft Word 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/045,;
FILING DATE: 02-APR-193
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: SHUBER
CLASSIFICATION: 435
ATTORNAY/AGENT INFORMATION:
NAME: LUDWIG, S. PETER
REGISTRATION NUMBER: 25351
REFERENCE/DOCKET NUMBER: 0372
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212/527-7700
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HYPOTHETICAL:
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NAME: MEREDITH, ROY, D.
REGISTRATION NUMBER: 30,777
                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/281,940
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SHUBER, ANTHONY P.
TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC
TITLE OF INVENTION: DISEASE ANALYSIS
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSES: DARBY & DARBY P.C.
STREET: 805 THIRD AVENUE
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LENGTH: 17 base pairs
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-4678
TELEPAX: (908) 594-4720
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STATE: New J
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PO Box 2000, 126 E. Lincoln Ave
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02-APR-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 1.9e+03; rative 0; Mismatches 1;
                                          0372/09696
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Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 236687
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                 FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                   SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,1:
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 376:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IMMEDIATE SOURCE:
CLONE: 2184dAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los *-- 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 17 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX:
                                      TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5413 AGAAATAAAAAGCAA 5427
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ET: Suite 4700
Los Angeles
California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              90071
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Draper, Kenneth
                                                                      (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CDNA
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                                                                                                                                                                                                                                                                                      08/245,466
                                                                                                                                                                                                                                                                                                                                         US/08/373,124A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               24:
                                                                                                     209/035
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Pred. No. 1.9e+03;
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US-08-373-124A-530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservation
Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 530, Application US/08373124A Patent No. 5646042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No.
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/245,466
FILING DATE: May 18,1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 32,327
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Stinch
APPLICANT: Draper
                                                                                                                                                                                                        TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 900/1
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
TRM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/373,124A FILING DATE: January 13, 1995 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENCSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                         TYPE: nucleic acid
                                                                                                         TOPOLOGY:
                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5832 TCTCTGCATGGCTGC 5846
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                                                                                                                                                                                                                                                (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                U.S.A.
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                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0;
  2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 13.4; DB 1;
Pred. No. 1.9e+03;
                     Score 13.4; DB 1;
Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
                                          Length 17;
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  Indels
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  0;
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  Gaps
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: Word Perfect 5.1
CURRENT APPLICATION NDATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION UMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/987,132
FILING DATE: August 26, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER
RESULT 2851
US-08-373-124A-1421/c
; Sequence 1421, Application US/08373124A
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US-08-373-124A-974/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    문
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 5646042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 974,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 90071
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                       5481 TAAAAAGATAATTTT 5495
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1 AGAAAGCUCUCCAAG 15
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                                                                                                                                                                                                                                                                                                                   0.2%; (milarity 93.3%; I Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                      0
                                                                                                                                                                                                                                                                                                                                                                        Score 13.4; DB 1;
Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                          Mismatches
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                                                                                                                                                                                                                                                                                                                                      Gaps
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US-08-373-124A-1421
                                                                                                                                                                                                                                                                                             US-08-373-124A-1969
                                                                                                                                                                                               Sequence 1969, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:

MEDIUM TYPE: 31.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION NUMBER: US/08/373,124A
PPLICATION NUMBER: US/08/373,124A
PPLICATION NUMBER: 08/245,466
PILING DATE: January 13, 1995
PRIOR APPLICATION NUMBER: 08/245,466
APPLICATION NUMBER: 08/245,466
APPLICATION NUMBER: 07/987,132
PILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
PILING DATE: December 7, 1992
APPLICATION NUMBER: 07/987,132
PILING DATE: December 7, 1992
APPLICATION NUMBER: 07/987,132
PILING DATE: DATE: DATE: DATE: NUMBER: 07/987,132
APPLICATION NUMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 1421: SEQUENCE CHARACTERISTICS:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: Drayingen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS ANT
TITLE OF INVENTION: CANCER USIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPAX: (2.1.)
TELEPAX: 67-3510
TO SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5832 TCTCTGCATGGCTGC 5846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION:
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Similarity 93.3%;
14; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                    TCTCTGGATGGCTGC 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
   METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.4; DB 1; Length 17; Pred. No. 1.9e+03;
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                                                                                                                                                                                                                                                                  Patent No. 5646042

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
APPLICANT: Jarvis, Thale
APPLICANT: TARVIS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                               CITY: Los Angeles
STATE: California
                                                                                                                         STREET: 633 West Fifth Street
STREET: Suite 4700
            ZIP: 90071
                                          COUNTRY:
                                                                                                                                                                                   ADDRESSEE:
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Lyon & Lyon

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RESULT 2853
US-08-373-124A-2051/c
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                                                                                                                                                                                                                                                                                                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
Sequence 2051, Application US/08373124A Patent No. 5646042
                                                                                                                                                                                                                     Query Match
Best Local (
                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: Word Perfect 5.1
CURRENT APPLICATION NUMBER: US/08/373,124
PILLING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILLING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILLING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILLING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILLING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (213) 489-160
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                           Match 0.2%; Score 13.4; Local Similarity 66.7%; Pred. No. 1. es 10; Conservative 4; Mismatche
                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                          3482 GTAATACTTAAGGCA 3496
                                                                                                                       1 GUAAUACUUAAUGCA 15
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                                                                                                                                                                                                                                                                                                   linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US/08/373,124A
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                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                       .9e+03;
                                                                                                                                                                                                                                          DB 1;
                                                                                                                                                                                                                                          Length 17
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Gaps

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RESULT 2854
US-08-373-124A-2055/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2055, Application US/08373124A Patent No. 5646042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Stinch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
PILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
PILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Warburg, Richard
REGISTRATION NUMBER: 20,327
REFERENCE/DOCKET NUMBER: 209/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                             COMPUTER RADABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWAKE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
SOFTWARE: WORD FELLING DATA:
CURRENT APPLICATION NUMBER: US
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 07/936,422 FILING DATE: August 26, 1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                            STATE: Cal
COUNTRY: U
ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Match 0.2%;
Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5482 AAAAAGATAATTTTT 5496
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17 AAAAATATAATTTTT 3
                                                                                                                                                                                                                                                                                                                                                                                                                                     Draper, Kenneth
McSwiggen, James
                                                                                                                                                                                               U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
January 13, 1995
                    US/08/373,124A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 13.4; DB 1; Length 17; Pred. No. 1.9e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Stinchcomb, Dan T.

APPLICANT: McSwigger, Kenneth

APPLICANT: McSwigger, James

APPLICANT: McSwigger, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: MCHOOL TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2141, Application US/08373124A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                           ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                        FILING DATE: January 13, 1995 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                          APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
FILING DATE: December 7, APPLICATION NUMBER: 07/9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5481 TAAAAAGATAATTTT 5495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15 TAAAAATATAATTTT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                 Los Angeles
: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            564604
                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%; Score 13.4; DB 1; Length 17; ilarity 93.3%; Pred. No. 1.9e+03; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  single
                                                                                                                                08/245,466
    07/936,422
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RESULT 2856
US-08-482-115B-30/c
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Best Local Similarity
Tatches 3; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                    APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: SCOTELLA, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                          TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Assays for the RNA Component of Human
TITLE OF INVENTION: Telomerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, VGURENT APPLICATION DATA:
APPLICATION UNMERR: US/08/482,115B
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-000830US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Warburg, Richard REGISTRATION NUMBER: 32, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 17 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                STRANDEDNESS:
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                                                    nucleic acid
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ilarity 20.0%;
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RESULT 2858 US-08-758-306-811/c

; Sequence 811, Application US/08758306; Patent No. 5807743; GENERAL INFORMATION; APPLICANT: Stinchcomb, Dan T.; APPLICANT: McSwiggen, James A.;

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                                                                                                                               US-08-327-525A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 5795716
NUMBER OF SEQUENCES:
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                                                                                 Query Match
Best Local
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 28,
                                                                Matches
                                                                                                                                                                                                                                                TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: NO. 5795716viel, Vern
REGISTRATION UNMBER: 32,483
REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
                                                                                                                                           STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Computer-Aided Visualization and TITLE OF INVENTION: Analysis System for Sequence Evaluation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/327,525A FILING DATE: October 21, 1994 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                   TELEPHONE: 415-326-2400 TELEPAX: 415-326-2422
                                                                                Local
                                                                                                                                                                                                                ENGTH:
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                       5590 ATGTGGATTTGGTTT 5604
15 ATGTGGATTGGGTTT 1
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                                                             n 0.2%; Score 13.4; DB 1; Similarity 93.3%; Pred. No. 1.9e+03; 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                           nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/08327525A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Chee, Mark S. Wang, Chunwei Jevons, Luis C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
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Lipshutz, Robert J.
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93.3%; Pred. No. 1
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                                                                                                 Length 17;
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APPLICANT: Stinche
APPLICANT: Draper,
APPLICANT: McSwigg
                                                                                                                                                                                                                                                                                               Sequence 376, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: WAYDUYG, Richard J.
NAME: WAYDUYG, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                      TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND TITLE OF INVENTION: CANCER USING RIBOZYMES NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 1
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                           STREET: 633 West Fif
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: December 3, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A. ZIP: 90071-2066
                COUNTRY:
                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
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Similarity 93.3%;
14; Conservative (
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: California
90071
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                                                                                 E: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                       Draper, Kenneth
McSwiggen, James
Jarvis, Thale
                U.S.A.
                                                                                                                                                                                                                                                              Stinchcomb, Dan T.
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US-08-435-628-530
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 530, Application US/08435628 Patent No. 5817796 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 14; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 195
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg. Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DO
SOFTWARE: Word Perfect 5.1
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                         APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Stinchcomb, Dan T. APPLICANT: Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/01
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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SOFTWARE:

Word Perfect 5.1

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US-08-435-628-974/c
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Best Local Similarity 80.0%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 974, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: MCTHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                               COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. D
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/43
FILING DATE: 05-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/373,124
APPLICATION NUMBER: 13, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                      ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 12-3510
                                                                                                                                                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 05-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2818 AGAAAGCTTTCCAAG 2832
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1 AGAAAGCUCUCCAAG 15
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                                                                                                                                                                                                                                                      U.S.A.
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                                                                                                                                     IBM P.C. DOS 5.0
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                                                                       US/08/435,628
08/373,124
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RESULT 2862
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SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1421, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION: APPLICANT: Stinch
                                                                                                              SOFTWARE: Word Perfect SCRRENT APPLICATION DATA:
CAPPLICATION NUMBER: US/G
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/3
                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: JAIVIE, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TRANSMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                         STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                       COMPUTER: 1BM F.C.
COMPUTER: 1BM F.C.
OPERATING SYSTEM: IBM F.C.
OPERATING SYSTEM: IBM F.C.
OPERATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: Februa APPLICATION NUMBER: FILING DATE: December
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (213)
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5481 TAAAAAGATAATTTT 5495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15 TAAAAATATAATTTT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Draper, Kenneth
McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%; Score 13.4; ilarity 93.3%; Pred. No. 1. Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Stinchcomb, Dan T.
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                                                                        TOMBER: 08/373,124
January 13, 1995
TUMBER: 08/245,466
                                                                                                                                                                         05-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2627
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                                                                                                                                                                                             US/08/435,628
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                                                                                                                                                                                                                                                    DOS 5.0
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RESULT 2863
US-08-435-628-1969
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TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1/
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 1.9e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1969, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard REGISTRATION NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 20: TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Stinchcomb, Dan T. APPLICANT: Draper, Kenneth APPLICANT: McSwiggen, James APPLICANT: Jarvis, Thale
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 633 West Fit
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                   FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                 FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: PEDFUARY 7, 1994
APPLICATION NUMBER: 07/987,132
                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/0: FILING DATE: 05-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5832 TCTCTGCATGGCTGC 5846
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          B: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2627
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION EDATA:
APPLICATION NUMBER: 08/373,124
PRIOR APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: PEDEVALY 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WAIDLING RICHARD
REGEISTRATION UMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-435-628-1969
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SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%;
Best Local Similarity 66.7%;
Matches 10; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2051, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
ITILE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: SULLC
CITY: LOS Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEFAX: 6
  TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
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Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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US-08-435-628-2055
                                               TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPB: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2055, Application US/08435628 Patent No. 5817796
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                                                                                                                                                                                                                                                                FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, Jame
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 633 West Fifth Street
STREET: 634 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: JATVIE, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/00
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Match 0.2%;
Local Similarity 93.3%;
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                       TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                   NAME: Warburg, Richard REGISTRATION NUMBER: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                PILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                    TOPOLOGY: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/373,124
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17 AAAAATATAATTTTT 3
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Pred. No. 1.9e+03;
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RESULT 2866
US-08-435-628-2141
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Query Match
Best Local S
Matches 3
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Best Local Similarity
                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
                                                                                                                                                                             TELEFAX: (213) 955-04-
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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APPLICANT:
                                                                                                                                                                                                                           NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
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TITLE OF INVENTION: METHODS AND COMPOSITION
TITLE OF INVENTION: TREATMENT OF RESTENOSIS
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Word Perfect 5.
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                               TELEPHONE: (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM:
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                                                                                                       STRANDEDNESS:
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: Los Angeles
E: California
Similarity
3; Conserv
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633 West Fifth Street
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McSwiggen, James
Jarvis, Thale
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 Conservative
                                                                                          linear
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                                                                                                       single
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Pred. No. 1.9e+03;
                    Score 13.4; DB 1;
Pred. No. 1.9e+03;
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                                      DB 1;
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                                    Length 17;
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Best Local &
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                                                                                                                                                                                                                                                        Sequence 1888, Application US/08292620A Patent No. 5837542
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                                                                                                                                                                                                                                                      Patent No.
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                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Susan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION UNWBER: 37,315
REFERENCE/DOCKET NUMBER: IG5-
TELECOMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEPAX: 508-872-5415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 508-872-5415 INFORMATION FOR SEQ ID NO:
                                APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC COMPATIBLE
COMPUTER: PC COMPATIBLE
COMPATING SYSTEM: PC CODS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/710,134
FILING DATE: 13-SEP-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Genzyme Corporation
STREET: One Mountain Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
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                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: M
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                                                                                                                                                                                                                                                                                                                                                                                                    5413 AGAAATAAAAAGCAA 5427
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                                                                                                                                                             Dan T. Stinchcomb
James McSwiggen
Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
                                                                                                                                                                                                                  Susan Grimm
                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             other nucleic acid
/desc = "Oligonucleotides"
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STREET: Surce CITY: Los Angeles CRATE: California

COUNTRY:

COMPUTER READABLE FORM:

90071-2066

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly

2390

ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700

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                                                                                                                                                                                                                                                             RESULT 2869
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                                                                                                                                                                                                        Sequence 1912, Application US/08292620A Patent No. 5837542
                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Susan (
APPLICANT: Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
APPLICANT: James MCSW
APPLICANT: Sean Sulli
APPLICANT: Senneth G.
TITLE OF INVENTION: R
TITLE OF INVENTION: D
TITLE OF INVENTION: R
TITLE OF INVENTION: R
TITLE OF INVENTION: M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                              Local Similarity hes 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: August CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                              5021 TCTGGGAGGAGGCAG 5035
                                                                                                                                                                                                                                                                                                               17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TRY: U.S.A.
90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Los Angeles
: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 633 West Fifth Street
                                                                                                       Sean Sullivan
Kenneth G. Dra
                                                                                                                                       Dan T. Stinchcomb
James McSwiggen
                                                                                                                                                                         Susan Grimm
                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               single
                   A G. Draper
RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                              0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 1.9e+03;
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3.5" Diskette, 1.44 Mb

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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including appelion application data: including appelion application data: described belaptication data: 08/008/895

PRIOR APPLICATION UNMBER: 08/008/895

PRILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989/849

PRILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 328/149

TREFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 24, Application US/08485885
Patent No. 5849483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                        COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN PC-BOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,885
FILING DATE: 07-7UN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Word Periect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genzyme Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SHUBER, ANTHONY P.
TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
TITLE OF INVENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
TELECOMMUNICATION INFORMATION: TELEPHONE: 508-872-8400
                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE:
MEDIUM TYPE:
COMPUTER: IBM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/292,620A FILING DATE: August 17, 1994 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: IBM P.C.
                                     NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: GE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                          STREET: One Mount
CITY: Framingham
                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5021 TCTGGGAGGAGGCAG 5035
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                                                                                                                                                                                                                                                                                                               01701
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                                             GEN4-12.1
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PILLING DALL.

PILLING DALL.

CLASSIFICATION: 435

PRIOR APPLICATION NUMBER: US 07/968,436

APPLICATION NUMBER: 29 OCT 1992

ATTORNEY/AGENT INFORMATION:

NAME: Handelman, Joseph H.

REGISTRATION NUMBER: 26,179

REFERENCES/DOCKET NUMBER: U9518-6

TELECOMMUNICATION INFORMATION:

TELEPHONE: (attorney) (212) 708-1880

TELEPHONE: (attorney) (212) 708-1880

TELEPHONE: (attorney) (212) 246-8959
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US-08-173-489C-95
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
COMPUTER: IBM PC/XT/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS LENGTH: 117 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "Oligonucleotides"
                                                                                                                                               MOLECULE TYPE: genomic DNA
DESCRIPTION: superoxide dismutase gene (accession
DESCRIPTION: J02947) nucleotides 1212 to 1228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
              MAP POSITION: 21q22.1
PUBLICATION INFORMATION:
                              POSITION IN GENOME:
CHROMOSOME/SEGMENT: chromosome
MAP POSITION: 21q22.1
                                                                                                 HYPOTHETICAL: no ANTI-SENSE: no ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/01 FILING DATE: 22 DEC 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: NEW YORK
                                                                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
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                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                       ORGANISM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: PROFILE DIAGNOSTIC SCIENCES, INC.,
510 EAST 73RD STREET,
                                                                                                                                                                                                                                                        17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
Hjalmarsson, K,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
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                                                                                   Homo sapiens
                                                                                                                                                                                                        linear
                                                                                                                                                                                                                        double stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MS-DOS version 6.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENETIC SEQUENCE ASSAY USING DNA TRIPLE-STRAND FORMATION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           365
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   Marklund, S
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                                                                     ; ANTI-SENSE: NO US-07-923-871C-7
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Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 5912117
                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 489,676
FILING DATE: 07-MAR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               C11.
STATE: N.
COUNTRY: USA
COUNTRY: 07110-1199
TTP: PRADABLE F
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MEDIUM TYPE: Floppy disk
COMPUTER: IR PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: White Ph.D, Thomas J.
APPLICANT: Dodge, Deborah E.
TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
                                                                                                                 TOPOLOGY: 11
MOLECULE TYPE:
                                                                                                 HYPOTHETICAL:
                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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JOURNAL:
JOURNAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AUTHORS:
TITLE: ]
                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Nutley
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PAGES:
                                                                                                                                                                                                                                                      TELEFAX: (510) 814-2977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
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                                                                                                                                                                                     LENGTH:
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                                                                                                                                                                    1: 17 base pairs nucleic acid
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1987
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Isolation and sequence of
complementary dna encoding human extracellular-
superoxide dismutase
superoxide of the National Academy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/07923871C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Hoffmann-La Roche Inc.
340 Kingsland Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
   Conservative
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                                                                                                                   DNA (genomic)
                                                                                                                                                  single
0.2%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 1.9e+03; ative 0; Mismatches 1; Indels
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93.3%; Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                                                                           US 489,676
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RESULT 2874
US-08-531-137B-28/c
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              Sequence 28, Application US/08531137B

Patent No. 5974164

Patent No. 5974164

Patent No. FORMATION:

APPLICANT: Chee, Mark S.

TITLE OF INVENTION: Computer-Aided Visualization and
TITLE OF INVENTION: Analysis System for Sequence Evaluation
Patent No. 5974164

NUMBER OF SEQUENCES: 39

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 33, Application US/08472802C Patent No. 5958680
                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION UNMER: US/08/472,802C
APPLICATION UNMER: US/08/472,802C
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
APPLICATION DATA:
APPLICATION UNMER: US 08/330,123
APPLICATION UNMER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 15389-000820
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 576-03: INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Feng, Junli
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: Caliform:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (415)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
  ADDRESSEE:
                                                                                                                                                                                                                                                                                                    3168 TTAGGTTTGGGTTTG 3182
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                                                                                                                                                                                                                                                                                                                                                           Conservative
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Ritter, Van Pelt & Yi
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US-08-825-487A-95/c
US-08-825-487A-95/c
; Sequence 95, Application US/08825487A
; Patent No. 6048689
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 1.9e+03;
                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIAN PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/825,487A
FILING DATE: 28-MAR-1997
CLASSIFICATION 435
CRASSIFICATION DATA:
APPLICATION NUMBER: PCT/US98/060002
FILING DATE: 26-MAR-1998
CLASSIFICATION NUMBER: PCT/US98/060002
FILING DATE: 26-MAR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Murphy, Patricia D.
APPLICANT: White, Marga B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: 650-903-3501
TELEPAX: 650-903-3501
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 0537
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,137B
FILING DATE: October 16, 1995
CLASSIFICATION: 382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: 17
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Ritter, Michael J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA (oligonucleotide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN NUMBER OF SEQUENCES: 110
                                                                                                                                                                                                                                                                                                                                                                                      STREET: 12, CTTY: Washington,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 94022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U
ZIP: 20004
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California
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1299 Pennyslvania Avenue., N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           17 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 116, Application US/08985162 Patent No. 6057156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 650-463-8400 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                               OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSRQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/ACENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Akhtar
                                                                      TELEX: 67.3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATE
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: Other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET:
STREET:
CITY: Lo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: Other LOCATION: 1...17 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Con
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
                                          STRANDEDNESS:
                                                                                                                                                           TELEFAX:
                                                              TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6462 TACTTTTTTTTTCTG 6476
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: Los Angeles
E: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    633 West Fifth Street
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                                                                                                                                                               (213)
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                                                                                                                                                                 955-0440
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93.3%;
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                                                                                                                        116:
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Pred. No. 1.9e+03
0; Mismatches
                                                                                                                                                                                                                       230/107
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RESULT 2878
US-08-998-099-134
; Sequence 134, Application US/08998099A
; Patent No. 6103890
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US-08-985-162-617
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                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 617:
SEQUENCE CHARACTERISTICS:
LENGTH
                                                                                                                                                                                                                                               US-08-985-162-617
                                                                                                                                                                      Best Local Similarity Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local :
                                                                                                                                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 617,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: Akhtear, Saghir
APPLICANT: Hit Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
AREGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 West Fi
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A. ZIP: 90071-2066
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                                                                                                                                                                                                                                                                                                                  ENGTH:
                                                                                                                                        5248 ATTCACCAGCATTIG 5262
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                                                                                                     AUUCAUCAGCAUUUG 17
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633 West Fifth Street
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                                                                                                                                                                            Conservative
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Pred. No. 1.9e+03;
                                                                                                                                                                                          Score 13.4; DB 1; Length 17; Pred. No. 1.9e+03;
                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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GENERAL INFORMATION:

APPLICANT: JARVIS, THALE

APPLICANT: MCSWIGGEN, JAMES A.

APPLICANT: MCSWIGGEN, JAMES A.

APPLICANT: STINCHCOMB, DAN T.

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES;

TITLE OF INVENTION: CR CONDITIONS RELATED TO LEVELS OF C-FOS

FILE REFERENCE: 231/175

CURRENT APPLICATION NUMBER: US/08/998,099A

CURRENT APPLICATION NUMBER: 60/037,658

EARLIER FILING DATE: 1997-10-23

EARLIER APPLICATION NUMBER: 08/373,124

EARLIER APPLICATION NUMBER: 08/373,124

EARLIER APPLICATION NUMBER: 08/245,466

EARLIER FILING DATE: 1994-05-18

NUMBER OF SEQ ID NOS: 375

COURSED SECTION OF SEC
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Best Local Similarity
Matches 11; Conserv
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                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620

FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992
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APPLICANT:
APPLICANT:
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APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3382 CTCCTCCCCCAGCTG 3396
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73.3%;
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Pred. No. 1.9e+03;
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Best Local Similarity
           COMPUTER: IBM Compatible
ODERATING SYSTEM: IBM P.C. DOS 5.
SOFTWARRE: WOR'D PETGECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION DATA:
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: Jeenber 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardurg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEBHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
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TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TRAATMENT OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
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STATE: California
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REFERENCE/DOCKET NUMBER: 208/149
                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 90071-2066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Suite 4700
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633 West Fifth Street
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ilarity 93.3%;
Conservative
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James McSwiggen
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(213) 955-0440
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Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                             DOS 5.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 17;
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; STRANDEDNESS:
; TOPOLOGY: line
; MOLECULE TYPE: D
US-09-158-765-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 6242180
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 28, Appli
Patent No. 6242180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                         Matches
                                                                                   Query Match
                                                                     Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
TITLE OF INVENTION: Compo
                                                                                                                                                                                                       TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 4900
STREET: LOB Altos
CITY: LOB Altos
CRATE: California
                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Ritter, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Ritter, Van
STREET: 4906 El Camino
                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION TELEPHONE: 650-903-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                           TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                          FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE
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                                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5021 TCTGGGAGGAGGCAG 5035
                          5590 ATGTGGATTTGGTTT 5604
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                                                                       Similarity
ATGTGGATTGGGTTT 1
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                                                                                                                                                                                          17 base pairs
                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                 linear
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                                                                                                                                 DNA (oligonucleotide)
                                                                                                                                                             single
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                                                                     0.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Computer-Aided Visualization
                                                                                                                                                                                                                                                                                                                                                           08/531,137
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Real, Suite 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1912:
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                                                       Score 13.4; DB 1;
Pred. No. 1.9e+03;
0; Mismatches 1
                                                                                                                                                                                                                                                                                  AFFYP006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.4; DB 1
Pred. No. 1.9e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
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                                                                                        DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 17;
                                                                                   Length 17;
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                                                          Indels
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                                                          Gaps
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RESULT 2882

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Query Match
Best Local Similarity
Matches 2; Conserve
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Patent No. 6340...
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
The Company of the Comp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-584-040-2188
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                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2188, Application US/08584040 Patent No. 6346398
GENERAL INFORMATION:

APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Bscobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: TREATMENT OF DISEASES OR TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: C
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM COM
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4473 TTTTTTTTTTGTCT 4487
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5. 6346398
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%; Score 13.4; DB 1; 13.3%; Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8502
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US-08-584-040-2189
Sequence 2189, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                  APPLICANT: PAVCO, PAMESIA
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM COMPACIDIE
OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity hes 2; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                            COUNTRY:
                                                                                 STATE:
                                                                                                    CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90071-2066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4473 TTTTTTTTTTCT 4487
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                                             90071-2066
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                                                                                 California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%; Score 13.4; DB 1; Length 17; llarity 13.3%; Pred. No. 1.9e+03; Conservative 12; Mismatches 1; Indels
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GENERAL INFORMATION:
APPLICANT: PAVCO, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jame
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 2885
US-08-584-040-2739
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SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2739, Application US/08584040 Patent No. 6346398
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FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNERY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C
SOPTWARE: Word Perfect 5.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                            COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                               ADDRESSEB: Lyon & Lyon
STREET: .633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   y Match 0.2%; Score 13.4; Local Similarity 13.3%; Pred. No. 1. 1968 2; Conservative 12; Mismatche
                                                                                                                                                                                                                                                                                       ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4473 TITTTTTTTTTÇTÇT 4487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 UUUUUUUUUUUGACU 15
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RESULT 2886
US-08-584-040-2807
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TELEX: (4-1)
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 26
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
nucleic acid
""CE; single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.2%; Score 13.4; Best Local Similarity 46.7%; Pred. No. 1 Matches 7; Conservative 7; Mismatch
                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,04
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS LENGTH: 17 base pairs TYPE: nucleic acid
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REFERENCE/DOCKET NUMBER: 213
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Bscobedo, Jaine
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVEI
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                       TELEPHONE: (213) 489-160
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME:
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5. 6346398
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633 West Fifth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pavco, Pamela
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SYSTEM: IBM P.C.
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Best Local Similarity
Matches 11; Conserv
                                                                                    Query Match
Best Local S
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                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: METHOD AND
TITLE OF INVENTION: CNUITIONS
TITLE OF INVENTION: CNUITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: TREATMENT OF DISCASES OR TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                        TELEFAX: 121
TELEFAX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                           TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Los Angeles
STATE: California
                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                              LENGIH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: January 11, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
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                                   5441 GGGCAATGACAAGAA 5455
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5. 634639
   16
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                                                                   h 0.2%;
Similarity 93.3%;
14; Conservative
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                                                                   Score 13.4; DB 1; Length 17; Pred. No. 1.9e+03; O; Mismatches 1; Indels
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Pred. No. 1
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APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Karpeisky, Alex
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Since, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
FRIOR APPLICATION NUMBER: US 60/064,866
PRIOR APPLICATION NUMBER: US 60/064,727
FRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEO ID NOS: 1526
SCHEMBER OF SEO ID NOS: 1526
COUNTRY: USA
ZIP: 94111-3834
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Flppy disk
MEDIUM TYPE: Flppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN PALEASE #1.0, Version #1.30
CURRENT APPLICATION NAMER: US/09/057,351
FILING DATE: 08-APR-1994
CLASSIFICATION 08-APR-1994
FROR APPLICATION NUMBER: US/08/272,102
PTI.ING DATE: 07-JUL-1994
TTI.ING DATE: 07-JUL-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 896, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Alex
APPLICANT: Baudry, Amber
APPLICANT: Karpeisky, Alex
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: RNA; Homo sapiens; ORGANISM: Homo sapiens US-09-474-432B-896
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-057-351-33/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 33, Applion Patent No. 6548298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Villeponteau, Bryant
APPLICANT: Peng, Junii
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6976 TAAAAACAAAACAGA 6990
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milarity 93.3%;
Conservative (
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Pred. No. 1.
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RESULT 2891
US-09-71-772B-733
Sequence 733, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.;
APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 2890
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REGISTRATION NUMBER: 32,944
REFERENCE DOCKET NUMBER: 015389-000821US
TELECOMMUNICATION: TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
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                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: RNA
; ORGANISM: Hómo sapiens
US-09-371-772B-732
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bscobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor |
FILE REFERENCE: MBHB00, 976-J (237/198)
CURRENT APPLICATION NUMBER: US/99/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 732
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GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,802
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 17
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McSwiggen, Jim
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Pred. No. 1.9e+03;
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LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-733
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US-09-371-772B-734
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US-09-371-772B-1263
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APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stoobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-U (237/198)
CURRENT APPLICATION NUMBER: U509/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: U5 60/005,974
PRIOR APPLICATION NUMBER: U5 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 733
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE REFERENCE: MBHB00, 876-J (237/198)
TURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOPTWARB: PatentIn version 3.0
SEQ ID NO 734
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
                                                                                                 Sequence 1263, Application US/09371772B Patent No. 6566127
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APPLICANT: Ribozyme Pharmaceuticals, Inc
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TYPE: RNA
ORGANISM: Homo sapiens
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RESULT 2895
US-09-371-772B-2568/c
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Best Local Similarity
Watches 7; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1331
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US-09-371-772B-1331
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PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1331
                                       GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals,
APPLICANT: Pavco, Pam
                                                                                                      Sequence 2568, Application US/09371772B Patent No. 6566127
                                                                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity 73.3%;
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-U (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
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APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-7/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
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PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 68/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
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McSwiggen, Jim
Stinchcomb, Dan
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                                    Pavco, Pam
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Pred. No. 1.9e+03;
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LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2568
RESULT 2897
US-09-371-772B-5287
; Sequence 5287, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
US-09-371-772B-4186
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Rocy, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Bescobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB0, 876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT APPLICATION NUMBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 60/0584,040

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

PRIOR FILING DATE: 1996-01-08
                                                                                                                                                                                                                                                                          Best Local Similarity 93.3%; Matches 14; Conservation
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 4186
LENGTH: 17
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1995-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
PRIOR FILING DATE: 1995-01-08
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Pred. No. 1.9e+03;
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APPLICANT: Ribozyme Pharmaceuticals, Inc APPLICANT: Pavco, Pam

Pavco, Pam McSwiggen, Jim Stinchcomb, Dan

APPLICANT:

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; ORGANISM: Homo sapiens
US-09-371-7728-5287
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US-09~371-772B-5594
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; ORGANISM: Homo sapiens
US-09-371-772B-5594
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CURRENT APPLICATION NUMBER: US(50/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
                          Sequence 28, Application -...
Sequence 28, Application -...
Sequence 28, Application -...
Patent No. 6607887

GENERAL INFORMATION:
GENERAL INFORMATION: Computer-Aided Visualization and
TITLE OF INVENTION: Computer-Aided Visualization and
Analysis System for Sequence Evaluation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH800,876-J (237/198)
CURRENT APPLICATION NUMBER: US(09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 5594
LENGTH: 17
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Best Local Similarity 66.7%;
Patent No. 6607887
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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Escobedo, Jaime
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Pred. No. 1.9e+03;
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                               SOFTWARE: PatentIn version 3.0
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US-09-476-387-895/c
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Patent No. boi.--
Patent INFORMATION:
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Best Local (
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR PRIOR DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 00/083,727
PRIOR PILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/084,866
PRIOR FILING DATE: 1998-11-05
NUMBER: 05/064,866
PRIOR FILING DATE: 1997-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
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PILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Ritter, Michael J.
REGISTRATION NUMBER: 36,653
REGISTRATION NUMBER: AFFYP006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity les 14; Conserv
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/796,071
PILING DATE: 27-Feb-2001
CLASSIFICATION: CUNknown>
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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TYPE: nucleic acid
STRANDEDNESS: single
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ZIP: 94022
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STATE: California
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STREET: 4906 El Camino Real, Suite 205
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Pred. No. 1.9e+03;
0; Mismatches 1;
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; Sequence; ; Patent No. 66235c.
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Akhear, Saghir
APPLICANT: McSwiggen, James
; APPLICANT: MCSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
"""TULE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
"""TULE OF INVENTION: FACTOR RECEPTORS
"""FACTOR RECEPTORS
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LENGTH: 17 base Trype
                                                             Query Match
Best Local Similarity
Matches 11; Conserv
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Best Local Similarity
Matches 14; Conserv
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APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 633 West Fifth Street
STREET: 631 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A
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ORGANISM: Homo sapiens
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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                              STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
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                           398 АТААСТСТССССТА 412
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Conservative
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Pred. No. 1.9e
3; Mismatches
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Pred. No. 1.9e+03;
0; Mismatches 1
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US-09-401-063-617
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                                                                                                                                                                                RESULT 2903
                                                                                                                                                                                                                                                                                                                                                                                                          US-09-401-063-617
                  Sequence 102, Application US/09827998
Patent No. 6656700
GENERRAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDhMORF-8
                                                                                                                                                                                                                                                                                                                      Query Match 0.2%;
Best Local Similarity 60.0%;
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: FOLEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CURRENT APPLICATION NUMBER: US/09/827,998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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STREET: 633 West Fifth Street
STREET: Suite 4700
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STATE: California
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Pred. No. 1.
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1.9e+03;
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; ORGANISM: Homo sapiens
US-09-827-998-102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-103
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US-09-827-998-104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN:
TILE REFERENCE: MDhMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Patent No. 6656700
SEQ ID NO 102
              GENERAL INFORMATION:
APPLICANT: Gu, Yilhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORR-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Acomica Sequence Listing Engine Patent No. 6656700 SEQ ID NO 103
                                                                                                                                                                                                                                                                                   Sequence 104, Application US/09827998 Patent No. 6656700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
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Aeomica Sequence Listing Engine
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93.3%;
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Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-371
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US-09-827-998-104
ORGANISM: Homo sapiens US-09-827-998-372
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US-09-827-998-372
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; SEQ ID NO 104
; LENGTH: 17
; TYPE: DNA
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
                                                                     Patent No. 6656700
SEQ ID NO 372
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Patent No. 6656700
SEQ ID NO 371
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                               Sequence 372, Application US/09827998 Patent No. 6656700
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                             CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
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CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
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APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDhMORF-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 1881
                                                                                                             SOFTWARE: Aeomica Sequence Listing Engine
                                       TYPE: DNA
                                                       ENGTH:
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Pred. No. 1
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Pred. No. 1
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Length 17;

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; ORGANISM: Homo sapiens
US-09-827-998-373
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US-09-827-998-373
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                 PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PELICATION NUMBER: GB 24263.6
PRIOR PELICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PELICATION NUMBER: US 60/236,359
PRIOR PELICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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Matches
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SEQ ID NO 373
LENGTH: 17
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APPLICANT: GU, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN
FILE REFERENCE: MDhMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
CURRENT FILING DATE: 2001-04-06
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                           FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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SOFTWARE: Aeomica Sequence
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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PRIOR FILING DATE: 2000-09-27
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les 14; Conserv
                                                                                                                      FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
                           PILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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PENN, Sharron G.
HANZEL, David K.
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NUMBER: PCT/US01/00665
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Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
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; Patent No. 6686188
; SEQ ID NO 551
; LENGTH: 17
; TYPE: DNA
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-551
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US-09-866-108A-552
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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Patent No. 668
SEQ ID NO 552
LENGTH: 17
Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                       Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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Local Similarity 93.3%;
hes 14; Conservative
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HANZEL, David K.
RANK, David R.
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                                                                                                                                                                                                                     Sequence Listing Engine
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    Score 13.4; DB 1;
Pred. No. 1.9e+03;
0; Mismatches 1
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Pred. No. 1.9e+03;
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                                              DB 1;
                                                Length 17;
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US-09-866-108A-2191
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SEQ ID NO 2191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                         Sequence 2194, Application US/09866108A Patent No. 6686188 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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SOFTWARE: Acomica Sequence Listing Engine
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
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                                                                                        APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                            APPLICANT:
         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
SHANNON, Mark
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Pred. No. 1.
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; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6666188
; SEQ ID NO 2194
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2194
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR PRILOR DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00668
PRIOR PPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PRILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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Similarity 93.3%;
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Pred. No. 1
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2001-05-25
PRIOR PILING DATE: 2000-05-26
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PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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; ORGANISM: Homo sapiens
US-09-866-108A-2667
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SEQ ID NO 2667
Query Match
Best Local Similarity
                                                                                                                                    Patent No. 668
SEQ ID NO 5949
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Patent No. 6686188
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Best Local Similarity
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                                                           ORGANISM: Homo sapiens -09-866-108A-5949
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Assmica Sequence Listing Engine
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yongga
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APPLICATION NUMBER: PCT/US01/00664
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                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00665
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HANZEL, David K.
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PENN, Sharron
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Pred. No. 1.9e+03
Score 13.4; DB 1;
Pred. No. 1.9e+03;
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US-09-866-108A-5950/c
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PRIOR APPLICATION NUMBER: US 60/207,456;
PRIOR APPLICATION NUMBER: US 60/207,456;
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: DCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: DCT/US01/00667
PRIOR APPLICATION NUMBER: DCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Patent No. 6686188
SEQ ID NO 5950
LENGTH: 17
                                                      Sequence 6257, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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JI, Yonggang
PENN, Sharron G
HANZEL, David F
RANK, David R.
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Pred. No. 1.9e+03;
0; Mismatches 1;
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APPLICANT:

<u>ج</u> و

CHEN, Wensheng

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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
PILE REFERENCE: AEOMICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/206,359
PRIOR PILING DATE: 2000-09-27
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; ORGANISM: Homo sapiens
US-09-866-108A-6257
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Best Local Similarity 93.3%;
Matches 14; Conservative
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SEQ ID NO 6257
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                         PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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NUMBER: PCT/US01/00669
                                              NUMBER: PCT/US01/00664
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Pred. No. 1.9e+03;
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· Query Match
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US-09-866-108A-6259
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                                           ; ORGANISM: Homo sapiens US-09-866-108A-6259
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Matches 14; Conservative
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SEQ ID NO 6258
                                                                                                                            SOFTWARE: Aeomica Sequence
Patent No. 6686188
SEQ ID NO 6259
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SOFTWARE: Accomica Sequence Listing Engine
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
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TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US01/00663
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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HANZEL, David
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Pred. No. 1
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US-09-866-108A-7588; Sequence 7588; Application US/09866108A; Patent No. 6686188; GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 668
SEQ ID NO 7070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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          APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00668
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RANK, David R.
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Pred. No. 1.9e+03;
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                                       PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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Patent No. 6686188
SEQ ID NO 7588
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REPERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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Local Similarity 93.3%;
hes 14; Conservative
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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PENN, Sharron G.
HANZEL, David K.
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Pred. No. 1.
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1.9e+03;
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; ORGANISM: Homo sapiens
US-09-866-108A-7589
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Best Local Similarity
Matches 14; Conserv
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                                                                             SOFTWARE: Aeomica
Patent No. 6686188
SEQ ID NO 7983
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Sequence 7983, Application US/09866108A
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-866-108A-7983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
                                                                                                                                         Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2001-01-30
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PENN, Sharron G.
HANZEL, David K.
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RESULT 2924

US-09-866-108A-8873/c

Sequence 8873, Application US/09866108A Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong APPLICANT: JI, Yongga

Yonggang N, Sharron

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                                                                                                                                    ; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                        SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8872
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                                                                  Matches
                                                                                   Query Match 0.2%;
Best Local Similarity 93.3%;
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AROMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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CHEN, Wensheng
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JI, Yonggang
                                                                  Conservative
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; ORGANISM: Homo sapiens
US-09-866-108A-8873
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Patent No. 6686188
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SEQ ID NO 8873
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Best Local
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                    APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensbeng
APPLICANT: SHANNON, MAIK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
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Sequence 8874, Application US/09866108A
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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CURRENT FILING DATE: 2001-05-25
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APPLICANT: JI, Yongga
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PRIOR FILING DATE: 2001-01-30
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FITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                                                     APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00667
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PENN, Sharron G.
HANZEL, David K.
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NUMBER: PCT/US01/00664
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9377
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; SEQ ID NO 8874
; SEQ THE 17
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; LENGTH: 17
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Best Local Similarity
Matches 14; Conserv
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: PCT/US01/00669
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PRIOR APPLICATION NUMBER: PCT/US01/00664
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PENN, Sharron G.
HANZEL, David K.
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Pred. No. 1.9e+03;
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US-09-866-108A-9379
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
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Best Local
                                                         Sequence 9379, Application US/09866108A Patent No. 6686188 GENERAL INFORMATION:
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Best Local Similarity 93.3%;
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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND
FILE REPERENCE: ABOMICA-7
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APPLICANT: JI, Yonggar
APPLICANT: PENN, Sharr
APPLICANT: HANZEL, Dav
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
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PRIOR FILING DATE: 2001-01-30
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Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HANZEL, David K.
RANK, David R.
CHEN, Wensheng
SHANNON MARCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GGCATTGGCACTGAG 17
                                                                                                                                                                                                                                 GGCATTGGCACTGTG 309
                                                                                                                                                                                                            GGCATTGGCACTGAG 16
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Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                           Score 13.4; DB 1;
Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      See File Wrapper or PALM.
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9379
                                                                                                                                                                                                                                                                                                                                                                                                                                         PCT-US91-01574-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 66666;
SEQ ID NO 9379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 93.3%;
Matches 14; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                Sequence 7, Application PC/TUS9101574 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: ,C
APPLICANT: ,C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                               APPLICANT: White Ph.D, Thomas J.

APPLICANT: Dodge, Deborah E.

TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
NUMBER OF SEQUENCES: 30
                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                          CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
APPLICATION NUMBER: PFILING DATE: 19910307 CLASSIFICATION: 435
                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: PatentIn Release #1.0,
                                                                                                                                                                              ZIP: 94608
                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                           STREET:
                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               295 GGCATTGGCACTGTG 309
                                                                                                                                                                                                                                        Emeryville
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RANK, David R.
CHEN, Wensheng
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                                                                                                                                                                                                                                                           E: Cetus Corporation
1400 Fifty-Third Street
                                                                                                                                                                                                     USA
                                       PCT/US91/01574
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Pred. No. 1
                                                                                   Version
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SEQUENCE CHARACTERISTICS:
LENGTH: 17 base
                                                                                           TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENCTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDUESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 7, Application:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 545 Middlefield Road, Suite 200 CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PILING DATE: 07-MAR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Kaster, Kevin R.
REGISTRATION NUMBER: 32,704
REFERENCE/DOCKET NUMBER: 2536.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 420-3444
                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: MUTABBIGE, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC compatible
COMPUTER: PATENT PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: PCT/US91/03680
FILING DATE: 199.0524
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA (ger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL: |
ANTI-SENSE: NO
                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Matteucci, Mark D. APPLICANT: Krawczyk, Steven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: NUCLEIC ACID
OTHER INFORMATION: /mod_base= OTHER
                                    NAME/KEY:
                                                                             TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (415) 420-34
TELEPAX: (415) 658-5239
                  LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6286 GTGCTACACTGGCCT 6300
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                                      modified_base
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US-07-766-751-2/c
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                                  Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/07766751 Patent No. 5480895
                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: SCHAFFER, ROBERT
REGISTRATION NUMBER: 31,194
REFERENCE/DOCKET NUMBER: 5963
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)527-7700
TELEPAX: (212)753-6237
TETIEPAX: 726-67
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/766,751
FILLING DATE: 19910927
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: FRIEDMAN, STEVEN M
APPLICANT: CROW, MARY K
APPLICANT: POSNETT, DAVID
                                                                                                                                                                                                                                                             TELEFAX: (212)753-623
TELEX: 236687
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: /note= "N4,N4-ethanocytosine" FEATURE:
                                                                                                                                       HYPOTHETICAL:
                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: DARBY & DARBY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "1,3-propanediol"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
                                                                                                                                                                      STRANDEDNESS: 81
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIP: 10022-7513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: modified_base LOCATION: 17
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LOCATION:
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   5866 GGCAGGGTCAGGCTT 5880
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Y: U.S.A.
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                                    Conservative
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                                                                                                                                           NO
                                                                                                                                                       DNA (genomic)
                                                                                                                                                                                            single
                                                  0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    METHODS OF PRODUCING ANTIBODIES TO A RESTRICTED POPULATION OF T-LYMPHOCYTES
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                                                    Score 13.4; DB 1;
Pred. No. 2.1e+03;
                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Version #1.25
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                                                                    Length 18;
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                                     Gaps
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US-08-170-095B-34/c
; Sequence 34, Application US/08170095B
; Patent No. 5563254
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 303-541-332
TELEPAX: 303-444-3013
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.0.1
SOPTWARE: Microsoft Word 5.0a
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/170,095B
FILING DATE: December 20, 1993
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: HO TELECOMMUNICATION INFORMATION: TELEPHONE: 303-541-3322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Hoffman, Stephen J.
APPLICANT: Nagai, Kiyoshi
TITLE OF INVENTION: Blood Substitutes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DESCRIPTION: HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: unknown to applicant MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: No. 5563254ak, Henry P.
REGISTRATION NUMBER: 33200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
                                                                                                                                              APPLICANT: Hoffman, Stephen J.
APPLICANT: Nagal, Klyoshi
TITLE OF INVENTION: Blood Substitutes
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
COMPUTER: Apple Macintosh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADUATE ZULL STREET: ZULL Boulder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: CC. 80301
                                        CI1.
STATE: CC
TO: 80301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                    7463 TGGCTTCTATTTCTA 7477
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Colorado
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             B: Somatogen, Inc.
2545 Central Avenue
                                                                        Colorado
                                                                                                               2545 Central Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                  Somatogen, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.2%; Score 13.4; DB 1; Length 18; 93.3%; Pred. No. 2.1e+03; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      31:
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US-08-216-276A-7
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Patent No. 559591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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APPLICANT: VAKHAR
APPLICANT: SNYDER
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INFORMATION FOR SEQ ID NO:
                                                                                                                 FILING DATE: 23-MAR-1994
CCLASSIFICATION: 435
PRIOR APPLICATION DATA: 08/083,784
APPLICATION NUMBER: US 08/083,784
FILING DATE: 28-JUN-1993
PRIOR APPLICATION DATA: APPLICATION DATA: 18/07/519,202
PILING DATE: 04-MAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 02-AUG-1988
ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: single
STRANDESS: single
TOPOLOGY: unknown to applicant
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: primer
HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: No. 5563254ak, Henry P. REGISTRATION NUMBER: 33200
REFERENCE/DOCKET NUMBER: HOFF.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 303-541-3322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Microsoft WO CURRENT APPLICATION NUMBER: US
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0:
FILING DATE: 23-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES
TITLE OF INVENTION: ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA
TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO
TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER & NEUS
ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
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                                                                                                                                                                                                                                                                                                                       PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    VAKHARIA, VIKRAM
                                                                                                                                                                                                                                                                                                                                                                                 Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.2%; Score 13.4; DB 1
93.3%; Pred. No. 2.1e+03
ative 0; Mismatches
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                                                       US 07/227,311
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Best Local Similarity
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APPLICANT: VAKHAR
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TELEPAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                               FILING DATE: 23-MAR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/083,784
FILING DATE: 28-JUN-1993
                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/216,276A
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ORIGINAL SOURCE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 04-WAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 03 NO 1991
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Arlington
STATE: Virginia
                                                                                                       NAME: Kelber, Steven B. REGISTRATION NUMBER: 30,073
                                                                                                                                                                APPLICATION NUMBER: US 07/227,311 FILING DATE: 02-AUG-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT. ADDRESSEE: P.C.
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                                                                                         REFERENCE/DOCKET NUMBER: 2747-054-27 CIP
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    P.C.
    1755 S. Jefferson Davis Highway, Suite 400

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SPECIFIC DNA AND RNA SEQUENCES
ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA
SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID
SEQUENCES, VACCINE AND METHOD OF VACCINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%; Score 13.4; DB 1
93.3%; Pred. No. 2.1e+03
                                                                                                                                                                                                                                                            US 07/519,202
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RESULT 2936
US-08-390-850-1122/c
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US-08-390-850-1122
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Best Local Similarity 93.3
Matches 14; Conservative
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                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/390,850
FILING DATE: Pebruary 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 19
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
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                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
APPLICANT:
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ORIGINAL SOURCE:
ORGANISM: Inf
                                                                                                                                                   REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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                                                                                                                                 TELEPHONE: (213)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ Version 1.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: unknown
                  TOPOLOGY: 1i
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                                                nucleic acid
                                                                                                                      67-3510
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                                                                18 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gustofson, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pavco, Pamela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Draper,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IBM Compatible
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                                single
                                                                                                                                       955-0440
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                                                                                                      1122:
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                                                                                                                                                                                         211/084
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Pred. No. 2.
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; Sequence 34, Application US/08396866
; Patent No. 5661124
; GENERAL INFORMATION:
APPLICANT: Hoffman, Stephen J.
APPLICANT: Negai, Kiyoshi
TITLE OF INVENTION: Blood Substitutes
NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-396-866-31
                                                                                                                                                RESULT 2938
US-08-396-866-34/c
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Best Local Similarity
                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: Microsoft Word 5.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/396,866
FILING DATE:
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/062,780
PRIOR APPLICATION NUMBER: US/08/062,780
APTORNEY/AGENT INFORMATION:
NAME: NO. 566124ak, Henry P.
REGISTRATION NUMBER: 33200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 303-541-3322
TELEPAX: 303-444-3013
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
TENOMY. 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: unknown to applicant MOLECULE TYPE: Other nucleic acid DESCRIPTION: primer HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hoffman, Stephen J.
APPLICANT: Nagai, Kiyoshi
TITLE OF INVENTION: Blood Substitutes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: Hoffman REFERENCE/DOCKET NUMBER: 2A/CONT1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: singl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH:
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                                                                                                                                                                                                                             TGGCTTCTGTTTCTA 15
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                                                                                                                                                                                                                                                                                                                    0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: unknown to applicant; MOLECULE TYPE: Other nucleic acid; DESCRIPTION: primer; HYPOTHETICAL: no
US-08-396-866-34
                                                                                                                                                                                                                                                                                 ; Sequence 1112, Application US/08363
Patent No. 5705388
; GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND
TITLE OF INVENTION: PREVENTION;
TITLE OF INVENTION: PROGRESSION
TITLE OF INVENTION: OF VASCULAR
TITLE OF INVENTION: OF VASCULAR
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/396,866
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/062,780
FILING DATE: May 17, 1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5661124ak, Henry P.
REGISTRATION NUMBER: 33200
REFERENCE/DOCKET NUMBER: 34000
REFERENCE/DOCKET NUMBER: 2A/CONT1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 303-444-3013
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: System 7.0.1 SOFTWARE: Microsoft Word 5.0a CURRENT APPLICATION DATA:
                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 303-541-3322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Somatogen, Inc. STREET: 5797 Central Avenue CITY: Boulder
                                                                                                                                                      ADDRESSEB: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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ZIP: 80301
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                         COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C.
                                                                                                                 ZIP: 90071
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7463 TGGCTTCTATTTCTA 7477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16 TGGCTTCTGTTTCTA 2
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                                                                                                                                      U.S.A.
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         Word Perfect 5.:
                                                                                                                                                                                                                                                                                     METHOD AND REAGENT FOR PREVENTION, INHIBITION OF PROGRESSION AND REGRESSION OF VASCULAR DISEASES
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Pred. No. 2.1e+03;
                            DOS 5.0
                                                                                  1.44 Mb
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1223, Application US/08363240A
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210,
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Bisgaier APPLICANT: Pape, Michard Pape, Michard Pape, Michard Pape, Michard Pape, Michard Pape, Michard Pape, Pape, Michard Pape, Pap
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,:
APPLICATION NUMBER: US/08/363,:
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
                                                                                                                                                                   FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                         FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 90071
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/363,240A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1893 ССТСТСССТСААСАТ 1907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION:
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Similarity 73.3%;
11; Conservative
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Bisgaier, Charles
Pape, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Couture, Larry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US/08/363,240A
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Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DOS 5.0
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RESULT 2941
US-08-435-634-1122/c
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US-08-435-634-1122
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1122, Application US/08435634
Patent No. 5731295
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: PastSEQ Version 1.5
SOPTWARE: PastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
PILING DATE: 05-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/390,850
PILING DATE: Pebruary 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/354,920
FILING DATE: No. 5731295ember 12, 18
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 West Fifth Street
STREET: Solite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                 TELEPHONE: (213) 955-0440
                                                                                                                                                                                                           NAME: Warburg, Richard REGISTRATION NUMBER: 32, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   / Match 0.2%;
Local Similarity 93.3%;
les 14; Conservative
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                   STRANDEDNESS:
TOPOLOGY: lii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                         LENGTH:
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                                               nucleic acid
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Gustofson, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pavco, Pamela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Draper,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Lyon & Lyon
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IBM P.C. DOS 5.0
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; MOLECULE TYPE: (
; ANTI-SENSE: YES
US-08-627-254C-21
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US-08-244-597-13
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                    Sequence 13, App. - Sequence 10. 5885793
                                                                                                                                                                                                                                                                                                                                                              Matches
   GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Griffiths, Andrew David
APPLICANT: Moogenboom, Hendricus RJM
APPLICANT: Marks, James David
APPLICANT: McCafferty, John
APPLICANT: Winter, Gregory Paul
APPLICANT: Grigg, Geoffrey Walter
TITLE OF INVENTION: Production of anti-self antibodies from
TITLE OF INVENTION: antibody segment repertoires and display
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (216) 241-0816 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: Kniss,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: GOLTICK, MATY E
REGISTRATION UNMBER: 34,829
REFERENCE/DOCKET NUMBER: 18
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter & Griwold LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Kniss, Douglas A.
TITLE OF INVENTION: Eicosanoid Formation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE:
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CLASSIFICATION: 514
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                           Match 0.2%; Score 13.4; DB 1; Length 18; Local Similarity 93.3%; Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/627,254C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1472 GCCGGAACCGGGCCA 1486
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EDNESS: single
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                                                                                                                                                                                             Application US/08244597
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Pred. No. 2.1e+03;
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               repertoires and displayed on phage
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                                               GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-1 EXPRESSION
FILE REFERENCE: RTS--0034
FULE REFERENCE: RTS--0034
CURRENT APPLICATION NUMBER: US/09/212,771
CURRENT FILING DATE: 1998-12-16
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 28
LENGTH: 18
                                                                                                                                                                                                                                    Sequence 28, Application US/09212771 Patent No. 5958773
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                  TYPE: DNA ORGANISM: Artificial Sequence
   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                  145 GGGTACCTAGGCCCC 159
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NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 2811
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9125579.4

PRICH DATE: 02-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9125582.8

PRILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9206318.9

PRILING DATE: 24-MAR-1992

PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: GB 920
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: PCT/GB
APPLICATION NUMBER: PCT/GB
FILING DATE: 23-SEP-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,597
FILING DATE: 01-UN-1994
CLASSIFICATION: 435
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: David W. Clough
STREET: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 16300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PCT/GB92/01755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GB 9206372.6
<u>,</u>
                        Score 13.4; DB 1;
Pred. No. 2.1e+03;
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     Mismatches
                                                  DB 1;
                                                  Length 18;
     Indels
     0
     Gaps
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RESULT 2947
US-09-106-038A-45/c
; Sequence 45, Application US/09106038A
; Patent No. 6007995
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                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-200-141-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-200-141-18
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US-09-205-860-75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 2946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-205-860-75
                                                                                                                                                                    Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Lex M. COWSET
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REFERENCE: RTS-0031
CURRENT APPLICATION NUMBER: US/09/205,860
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                     SEQ ID NO 18
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 18, Application US/09200141 Patent No. 5985663
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 75
LENGTH: 18
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                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/200,141
CURRENT FILING DATE: 1998-11-25
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTIGENSE MODULATION OF Interleukin-15 EXPRESSION
FILE REFERENCE: RTS-0022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                   Local
                                                                                                                                   6951 AAGAAAGGGAGGGA 6965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6316 GGCTACTGTTGCTG 6330
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                                                                                                                                                                                   Similarity
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                                                                                                                                                                  0.2%;
ilarity 93.3%;
Conservative
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93.3%;
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                                                                                                                                                                Score 13.4; DB 1; Length 18; Pred. No. 2.1e+03; O; Mismatches 1; Indels
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03
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Best Local (
                                                                                                                                                                                                                                              TITLE OF INVENTION: IMMORTALIZED CELL
TITLE OF INVENTION: ADIPOSE TISSUE, I
TITLE OF INVENTION: THEREOF.
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (760) 931-920
TELEPAX: (760) 603-3820
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                   APPLICATION NUMBER: FR 9
FILING DATE: 25-APR-1995
INFORMATION FOR SEQ ID NO: 1
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                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals,
                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
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                                                                                                                                                                                      APPLICATION NUMBER: US/08/945,654 FILING DATE: CLASSIFICATION: 435
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Local Similarity 93.3%; Pred. No. 2.1e+03;
les 14; Conservative 0; Mismatchec
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                 TYPE: nucleic acid
STRANDEDNESS: single
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ropology:
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linear
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                                                                                                                                                                                                                                                                                                                                                                                             IMMORTALIZED CELL LINES FROM HUMAN
ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
THEREOF.
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; DESCRIPTION:
US-08-945-654-16
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US-09-166-186-170/c
                                                                                                                                 US-09-166-186-170
                                                                                                                                                                                                                                                            Sequence 170, Application US/09166186A

Patent No. 6080580

GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 169
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity 93.3%;
                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 250
SEQ ID NO 170
LENGTH: 18
                                                                               Query Match
Best Local S
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APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                 OTHER INFORMATION: antisense sequence
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                                                               y Match 0.2%;
Local Similarity 93.3%;
hes 14; Conservative (
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                             AGGGTGTCTGGGACA 1516
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= "PRIMER"
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Pred. No. 2.1e+03;
                                                               0
                                                               Score 13.4; DB 1;
Pred. No. 2.1e+03;
0; Mismatches 1;
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Pred. No. 2.1e+03;
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; ORGANISM: Artificial Sequence
; PEATURE;
; OTHER INFORMATION: antisense sequence
US-09-166-186-172
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                                                                                                                                        US-09-289-466-84/C
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                                                                             ; GENERAL INFORMATION:
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Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Benett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 172
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SEQ ID NO 171
LENGTH: 18
TYPE: DNA
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APPLICANT: Baker, Brenda
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Best Local Similarity 93.3%;
                                                                                            Sequence 84, Application US/09289466A Patent No. 6124272
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Best Local Similarity 93.3%;
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CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
              APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
FILE REFERENCE: RTS-0060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: antisense sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 18
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Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                        Score 13.4; DB 1;
Pred. No. 2.1e+03;
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                                                                                                                               US-09-054-830-18
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                                                             Query Match
Best Local S
Matches 14
                                                                                                                                TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TOPOLOGY: linear
19-054.50.
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GENERAL INFORMATION:
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Best Local S
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SEQ ID NO 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 18,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/289,466A CURRENT FILING DATE: 1999-04-09
                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 3446
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLI
TITLE OF INVENTION: PYF
                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM CON
OPERATING SYSTEM:
SOFTWARE: FASTSEC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: PALO ALTO
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                               121 GGGATCCCGAGCAGC 135
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GGGTTCCCGAGCAGC 18
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ilarity 93.3%;
Conservative
                                                               Conservative
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                                                                            93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    US/09/054,830
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                                                            Score 13.4; DB 1;
Pred. No. 2.1e+03;
0; Mismatches 1
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Pred. No. 2.1e+03;
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                                                                                          Length 18
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US-09-487-444-36
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; Sequence 64, Application US/09034205
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GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
FILE REFERENCE: RTS-0133
CURRENT APPLICATION NUMBER: US/09/487,444
CURRENT FILING DATE: 2000-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 89
SEQ ID NO 57
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 57, Application US/09474922A
Patent No. 6187586
GENERRAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Richard A. Roth
TITLE OF INVENTION:
ANTISENSE MO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                Sequence 64, Applion Patent No. 6194149
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SEQ ID NO 36
LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 36, Appli
Patent No. 6159697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/474,922A CURRENT FILING DATE: 1999-12-29
                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
               APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                       3789 TTTCAAACATGACAA 3803
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1170 GTATCCCCATCTGCC 1184
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                                                                                                      Lyamichev, Victor I.
Brow, Mary Ann D.
                                                                                                                                                                                                                                                                                                                                                      Conservative
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Pred. No. 2.1e+03;
0; Mismatches 1;
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Pred. No. 2.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                         Length 18;
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                                                                                                                                                    ; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER US-09-050-159-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPHAY: (415) 397-8338
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/050,159A
CURRENT FILING DATE: 1998-03-27
EARLIER APPLICATION NUMBER: 60/042,930
EARLIER FILING DATE: 1987-04-03
NUMBER OF SEQ ID NOS: 133
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 18
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                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF FILE REFERENCE: 1248/1D042
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: No. 6197505berg, Leif T
APPLICANT: Andersson, Maria K
APPLICANT: Linstrom, Per H
                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEB:
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                                      CTTCTGAAGCAAGCA 7408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 220 Montgomery Street, Suite 2200
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                                                                          Conservative
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                                                                                            0.2%;
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                                                                          Score 13.4; DB 1; Length 18 Pred. No. 2.1e+03; 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                              US-09-313-932-169/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-269-345-1
                                                GENERAL INFORMATION:

APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09269345 Patent No. 6197545
                                                                                                                                                                                                                                                                                      Sequence 169, Application US/09313932A Patent No. 6228642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.2%; Score 13.4; Best Local Similarity 93.3%; Pred. No. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 404/688-9880
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                    LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09, FILING DATE: 25 SEPT 1997 CLASSIFICATION: 435 ATTORNEY/AGENT INFORMATION: NAME: MILLER, MARY L.
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: VANDERBILT UNIVERSITY APPLICANT: 305 Kirkland Hall APPLICANT: Nashville, TN 37240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA (ger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: MILLER, MARY L.
REGISTRATION NUMBER: 39,303
REFERENCE/DOCKET NUMBER: 22
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: GENETICALLY ENGINEERED YEAST WITH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                               841 AAGATGATGCTCAAC 855
                                                                                                                                                                                                                                                                                                                                                                                                           15 AAGATGATGATCAAC 1
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Georgia
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Suite 1200, 127 Peachtree Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           404/688-0770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
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                                                                                                                      ; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-171
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US-09-313-932-170/c
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                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Benett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 171
LENGTH: 18
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GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                      Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 171, Application US/09313932A Patent No. 6228642
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1502 AGGGTGTCTGGGACA 1516
1502 AGGGTGTCTGGGACA 1516
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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                                                                            Length 18;
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                                        Gaps
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US-09-677-218B-64/c
Sequence 64, Application US/09677218B
; Patent No. 6355437
; Patent No. 155437
; GENERAL INFORMATION:
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US-09-313-932-172/c
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CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 172
LENGTH: 18
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Matches
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APPLICANT: Baker, Brenda
APPLICANT: Benett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 172, Application US/09313932A Patent No. 6228642
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
                                                                                                                                                           COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Vers
REPLICATION DATA:
APPLICATION UNMER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: CUNKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    y Match 0.2%;
Local Similarity 93.3%;
                   APPLICATION NUMBER: 09/034,205
FILING DATE: <Unknown>
ATTORNEY/AGENT IMPORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,330
REFERENCE/DOCKET NUMBER: 50RS-03268
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                            ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
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                                                                                                                                                                                                                                                                                                                                                                                                             CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
  TELEPHONE: (415) 705-8410
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Pred. No. 2.1e+03;
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US-09-677-192-64/c
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US-09-431-385-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Pors, Lance
APPLICANT: Neri, Bruce P.
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
TITLE OF INVENTION: OLIGONUCLEOTIDES
TILE OF INVENTION: OLIGONUCLEOTIDES
TILE REFERENCE: PORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT APPLICATION NUMBER: 09/034,205
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR PILING DATE: 1998-03-03
NUMBER DE SED IN NOS. 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2
SEQ ID NO 64
LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity
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                                                                                                                               GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
TITLE OF INVENTION: PYRAZOLO(3,4-D) PYRIMIDINES FOR HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION
NUMBER OF SEQUENCES: 20
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                           STREET:
                                                                                             ADDRESSEE:
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 64:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6948 TCCAAGAAAGGGAGG 6962
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94304-1018
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                                                                         755 PAGE MILL ROAD
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                  USA
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Pred. No. 2.1e+03;
0; Mismatches 1;
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US-09-319-588C-51
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                                                                                                                       US-09-319-588C-51
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS APPLICANT: INSTITUT PASTEUR APPLICANT: MAUCLERE, Philippe APPLICANT: LOUSSERT-AJAKA, Ibtissam APPLICANT: SIMON, Francois APPLICANT: SARAGOSTI, Sentob APPLICANT: BARRE-SINOUSSI, Francois
                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 51
LENGTH: 18
TYPE: DNA
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 51, ner-
                                                         Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03;
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/054,83
PILING DATE: 1998-APR-03
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 3446
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1000MATION:
TELECOMMUNICATION 1000MATION:
                                                                                                                                                                                                                                                                      FILE REFERENCE: 598US12
CURRENT APPLICATION NUMBER: US/09/319,588C
CURRENT FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: FR96/15087
PRIOR FILING DATE: 1996-12-09
PRIOR FILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 98
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SARAGOSTI, Sentob
APPLICANT: BARRE-SINOUSSI, Francoise
TITLE OF INVENTION: NON-M NON-O HIV STRAINS,
                                                                                                                                   FEATURE:
OTHER INFORMATION: primer
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APPLICATION NUMBER: US/09/431,385
FILING DATE: 1999-NOV-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX:
1108 GGACAGACTGTGGAG 1122
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                                           14;
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                                         Conservative
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                                             Mismatches
                                                                                 DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                             FRAGMENTS AND APPLICATIONS
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RESULT 2970
US-09-197-224-13
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US-09-319-588C-80
                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic Primer US-09-216-393B-314
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: primer US-09-319-588C-80
                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: MILHAUSEN, MICHAEN JAMES
TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THER
FILE REFERENCE: TX-1-C2
CURRENT APPLICATION NUMBER: US/09/216,393B
CURRENT FILING DATE: 1998-12-18
PRIOR FILING TATE: 1998-12-19
PRIOR FILING DATE: 1997-12-19
                                                                                                                                             0.2%; best Local Similarity 93.3%; Matches 14; Conservation
                                                                                                                                                                                                                                                                                                                                                  SOPTWARE: PatentIn version 3.1
SEQ ID NO 314
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 314, Application US/09216393B Patent No. 6514694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.2%;
Best Local Similarity 93.3%;
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 80 (corresponds to SK 68.2 env of Figure 1)
LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 598US12
CURRENT APPLICATION NUMBER: US/09/319,588C
CURRENT FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: FR96/15087
PRIOR FILING DATE: 1996-12-09
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                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS
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                                                                                                                                                                                                                                                                                      ORGANISM: Artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                     1111 CAGACTGTGGAGTGC 1125
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                                                                               CCGACTGTGGAGTGC 18
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BARRE-SINOUSSI, Francoise
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Pred. No. 2.1e+03;
                                                                                                                                                                                 Score 13.4; DB 1; Pred. No. 2.1e+03;
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; TOPOLOGY: US-09-197-224-13
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                                                                                                                                                                                 Matches
                                                                                                                                                                                                                      Query Match
Best Local
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PRIOR APPLICATION NUMBER: US 08/244,597
APPLICATION NUMBER: US 08/244,597
FILING DATE: 01-UN-1994
APPLICATION NUMBER: GB 9125579.4
FILING DATE: 02-DEC-1991
PRIOR APPLICATION NUMBER: GB 9125582.8
APPLICATION NUMBER: GB 9125582.8
FILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION NUMBER: GB 9206372.6
ENLING DATE: 24-MAR-1992
PRIOR APPLICATION NUMBER: GB 9206372.6
ENLING DATE: 24-MAR-1992
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CURRENT APPLICATION DATE: US/09/197,224

FILING DATE: CIASCETE TABLE TA
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB92/01755

APPLICATION NUMBER: PCT/GB92/01755

PILING DATE: 23-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Clough, David W

REGISTRATION NUMBER: 36,107

REFERENCE/DOCKET NUMBER: 28111/3209
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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ADDRESSEE: David W. Clough
STREET: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
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APPLICANT: Grigg, Geoffrey Walter
TITLE OF INVENTION: Production of anti-self antibodies from
TITLE OF INVENTION: antibody segment repertoires and displayed on phage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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STATE: Illinois
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
                                                                                    145 GGGTACCTAGGCCCC 159
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                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             312-474-6300
                                                                                                                                                                            0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.1e+03; tive 0; Mismatches 1;
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US-09-422-978-6008 ; Sequence 6008, Application US/09422978 ; Patent No. 6537751

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RESULT 2971

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; Sequence 7515, Application US/09422978
; Patent No. 6537751
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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                                                                                                                                                                                                                                                                                         SEQ ID NO 7515
LENGTH: 18
TYPE: DNA
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                                                                                Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
PILE REPERENCE: GENOST.020CP1
CURRENT EPPLICATION UNMBER: US/09/422,978
CURRENT FILING DATE: 1999-0-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                            EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                   FEATURE: FEATURE: bind NAME/KEY: primer_bind LOCATION: 1..18 COTHER INFORMATION: upstream amplification primer 99-6574 for SEQ 3581,
                                                                                                                                                                                                                                                                      ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: upstream amplification primer 99-8367 for SEQ
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                                       5732
                                                                                                                                                                                                                                                                                       DNA
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GCTTTCTTTCCCTTT 2
                                         GCTTCCTTTCCCTTT 5746
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                                                                                                  93.3%;
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Pred. No. 2.
                                                                                                    Score 13.4; DB 1;
Pred. No. 2.1e+03;
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RESULT 2973

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ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1.18
OTHER INFORMATION: downstream amplification primer 99-20423 for SEQ 1094, in comple US-09-422-978-8959
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenkov, Ilya
FITTLE OF INVENTION: Biallelic markers for use in
FITLE REPERENCE: GENSET 020021
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-01-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
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US-09-422-978-8959
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                                                                                                                                                                                                                                                                                              SEQ ID NO 8959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6537751 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 8959, Application US/09422978 Patent No. 6537751
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                                               Matches
                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 11796
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                                                                                                                                                                                                                                                     LENGTH: 18
                                                                                                                                                                                                                                                                                                                                       EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
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TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: upstream amplification primer 99-6603 for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
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      589
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      TTTAAGGTCTCCATC 603
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                                               Conservative
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                                                                  93.3%;
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Pred. No. 2.1e
0; Mismatches
                                               0
                                                                  Score 13.4; DB 1;
Pred. No. 2.1e+03;
                                               Mismatches
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                                                                                        DB 1;
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                                                                                        Length 18
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Sequence 9179, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
ITITLE OF INVENTION: Biallelic markers for use in FILE REFERENCE: GENSEI 020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

MUMBER OF SEQ ID NOS: 11796
                                                                                  ; FEATURE:
, NAME/KEY: primer bind
, LOCATION: 1..18 -
; OTHER INFORMATION: downstream amplification primer 99-2956 for
US-09-422-978-11146
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                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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US-09-422-978-11146/c
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SEQ ID NO 11146
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                     Query Match
Best Local S
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: primer_bind
LOCATION: 1..18
COTHER INFORMATION: downstream amplification primer 99-2275 for SEQ 1314, in compleme
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                       ORGANISM: Homo Sapiens
                                                                                                                                                                                                                               TYPE: DNA
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    1 Similarity
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       Conservative
                       0.2%;
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Score 13.4; DB 1; Length 18; Pred. No. 2.1e+03; O; Mismatches 1; Indels
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                                                                                                                SEQ 3281,
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GENERAL INFORMATION:

APPLICANT: JOURNEY-LASSETVE, Elisabeth
APPLICANT: Houtel, Anne
APPLICANT: Bousser, Marie-Germaine
APPLICANT: Bousser, Marie-Germaine
APPLICANT: Bousser, Marie-Germaine
APPLICANT: Boch, Jean-Francois
TITLE OF INVENTION: THERAPEUTIC APPLICATION
FILE REFERENCE: 03715.0048-00000
CURRENT APPLICATION UNMBER: US/09/230,652A
CURRENT FILING DATE: 1999-05-17
EARLIER APPLICATION NUMBER: FR 96 09733
EARLIER APPLICATION NUMBER: FR 97 04680
EARLIER APPLICATION NUMBER: FR 97 04680
EARLIER APPLICATION DESCRIPTION OF THE PROFESSIONAL TO THE PROFESSIONAL THE PROFESSIONAL TO THE PROFESSIONAL TO THE PROFESSIONAL THE PROFE
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US-09-197-221-13
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US-09-230-652-67
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EARLIER FILING DATE: 1997-07-31
NUMBER OF SEQ ID NOS: 163
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 67
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Griffith
APPLICANT: Hoogenbo
APPLICANT: Marks,
APPLICANT: McCaffes
APPLICANT: Winter,
APPLICANT: Grigg,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 13, Appr.
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Matches 14; Conserv
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COMPUTER READABLE FORM:
COMPUTER READABLE FLORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, V.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/197,221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: David W. Clough
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Winter, Gregory Paul
APPLICANT: Grigg, Geoffrey Walter
TITLE OF INVENTION: Production of anti-self antibodies from
TITLE OF INVENTION: antibody segment repertoires and displayed on phage
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                        CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                  STREET: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6181 AAGAGTGATGAGAAG 6195
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                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Marks, James David
McCafferty, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Hoogenboom,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Griffiths, Andrew David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.2%;
       US/09/197,221
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Pred. No. 2.1e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                              Version #1.25 (EPO)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            METHOD OF DIAGNOSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 18
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                                                                                       ; ORGANISM: oligonucleotide CDRFOR US-09-572-392A-13
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9125582.8
APPLICATION NUMBER: GB 926518.9
PRIOR APPLICATION NUMBER: GB 9206318.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/244,597
PILING DATE: 01-JUN-1994
APPLICATION NUMBER: GB 9125579.4
APPLICATION NUMBER: GB 9125579.4
TTTNG DATE: 02-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6555313
Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                     SOFTWARE: PatentIn version 3.0 SEQ ID NO 13
                                                                                                                                                                                                                               APPLICANT: Marks, James
APPLICANT: McCafferty, John
APPLICANT: Winter, Gregory
APPLICANT: Grigg, Geoffrey
TITLE OF INVENTION: Production of Anti-Self Antibodies from Antibody Segment Repertoi
TITLE OF INVENTION: and Displayed on Phage
FILE REFERENCE: 28111/32094A4
CURRENT APPLICATION NUMBER: US/09/572,392A
CURRENT FILING DATE: 2000-05-16
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENERAL INFORMATION:
APPLICANT: Griffiths, Andrew
APPLICANT: Hoogenboom, Hend
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/01755
FILING DATE: 23-SEP-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 24-MAR-
                                                                                                                                                     ENGTH: 18
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Pred. No. 2.1e+03;
0; Mismatches 1;
                                          Length 18;
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    Indels
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RESULT 2980
US-09-723-756-13
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                                                                                                ; SEQUENCE DESCRIPTION: SEQ ID NO: 13: US-09-723-756-13
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Patent No. 6582915
GENERAL INFORMATION:
Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                           NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 281
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: GB 9206318.9

PILING DATE: 24-MAR-1992

APPLICATION NUMBER: GB 9206372.6

FILING DATE: 24-MAR-1992

APPLICATION NUMBER: GB 9206372.6

FILING DATE: 23-SEP-1992

APPLICATION NUMBER: PCT/GB92/01755

FILING DATE: 23-SEP-1992

APPLICATION NUMBER: PCT/GB92/02240

FILING DATE: 02-DEC-1992

APPLICATION NUMBER: US 08/244,597

FILING DATE: 26-CCT-1994

APPLICATION NUMBER: US 08/197,224

APPLICATION NUMBER: US 09/197,224

APPLICATION NUMBER: US 09/197,224

APPLICATION NUMBER: US 09/197,224

APPLICATION NUMBER: US 09/197,224

APPLICATION NUMBER: US 09/197,224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 60606-6402
ZIP: 60606-6402
COMPUTER READMABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: David W. Clough
STREET: Marshall, O'Toole, Gerstein, Murray & Borun
6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Production of anti-self antibodies from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Griffiths, Andrew David
                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
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                                                                                                                                                  LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GGGTACCTTGGCCCC 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/723,756
FILING DATE: 28-No. 6582915-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: GB 9125582.8 FILING DATE: 02-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: GB 9125579.4 FILING DATE: 02-DEC-1991
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Grigg, Geoffrey Walter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     McCafferty, John
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Marks, James David
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                                                       Length 18;
     Indels
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       Gaps
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; SOFTWARE: PatentIn Ver.

; SEQ ID NO 13

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-710-693-13
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US-09-710-693-13
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CURRENT FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: US 08/244,597
PRIOR PILING DATE: 1994-06-01
PRIOR APPLICATION NUMBER: GB 9125582.8
PRIOR FILING DATE: 1991-12-02
PRIOR APPLICATION NUMBER: GB 9206318.9
PRIOR PILING DATE: 1992-03-24
PRIOR APPLICATION NUMBER: GB 9206372.6
PRIOR APPLICATION NUMBER: GB 9206372.6
PRIOR PILING DATE: 1992-03-24
PRIOR PILING DATE: 1992-03-24
                                Query Match 0.3
Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
SEQ ID NO 13
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Patent No. 6593
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Patent No. 6642370
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Best Local (
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APPLICANT: Griffit
                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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APPLICANT: 1
APPLICANT: 1
APPLICANT: 1
                                                                                                                                                                                                                   APPLICANT: WISE, CAROL A
TITLE OF INVENTION: GENETIC MARKER FOR AUTOIMMUNE DISORDER
FILE REFERENCE: SEQ FOR TEX871
CURRENT APPLICATION NUMBER: US/09/710,693
CURRENT FILING DATE: 2000-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Production: Production: TITLE OF INVENTION: Displayed on Phage TITLE OF INVENTION: DISPLAYED ON Phage 28111/32094D 9/532,8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE:
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1991-PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: oligonucleotide CDRFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
2958 ACAGACCACCAGCCA 2972
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 145 GGGTACCTAGGCCCC 159
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Similarity 93.3%; Pred. No. 2.1e+03;
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                                                                                                                                                                                          PatentIn Ver. 2.1
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Grigg, Geoffrey
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McCafferty, John
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                                                93.3%;
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                                                  Score 13.4; DB 1;
Pred. No. 2.1e+03;
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                                  Mismatches
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                                                                  Length 18;
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PCT-US91-03056-10/c
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Best Local Similarity 93.3%;
Matches 14; Conservative (
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GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 762609
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Vakharia, Vil
TITLE OF INVENTION: SPEC
TITLE OF INVENTION: SEQU
TITLE OF INVENTION: SEQU
TITLE OF INVENTION: SEQU
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                  APPLICANT: Vakharia,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 78205
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: NUCLEIC ACID STRANDEDNESS: both TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
CITY: S
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                   CITY:
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                 San Antonio
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                    Vakharia, Vikram
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Floppy disk
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Sequence 10, Application PC/TUS9103056 GENERAL INFORMATION:
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FILING DATE: 19910718
CLASSIFICATION: 435
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/514,202
FILING DATE: 14-MAY-1990
ATTORNEY/ACENT INFORMATION:
NAME: Amzel Ph.D., Viviana
REGISTRATION NUMBER: U.910
REFERENCE/DOCKET NUMBER: 0.910
REFERENCE/DOCKET NUMBER: 0.0125.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/554-5325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: TEM PC COMPAtible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Rel-Base #1.0, Version #1.25
CURRENT APPLICATION DATA:
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Viviana Amzel, Ph.D.
STREET: 112 East Pecan, 2000 NBC Bank Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application PC/TUS9103056
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112 East Pecan, 2000 NBC Bank Plaza
                                                                                                            SPECIFIC DNA AND RNA SEQUENCES
ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA
SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO
SEQUENCES, VACCINE AND METHOD OF VACCINATION
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ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA
SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO
SEQUENCES, VACCINE AND METHOD OF VACCINATION
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Pred. No. 2.1e+03;
0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 47, Application US/08127954 Patent No. 5451512
    FILING DATE:
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8873
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 14-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Amzel Ph.D., Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: U-0125.02
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/514,202
FILING DATE: 14-MAY-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                    ZIP: 07110-1199
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Apple, Raymond J.
APPLICANT: Bugawan, Teodorica L.
APPLICANT: Briich, Henry A.
TITLE OF INVENTION: Methods and Reagents for HLA Class I A
TITLE OF INVENTION: Locus DNA Typing
                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                    STREET: Nutley
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TELEPAX: 762609
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ZIP: 782
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                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                           340 Kingsland Street
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(510) 814-2977
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Pred. No. 2.1e+03;
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                                                                       ; MOLECULE TYPE: DNA (genomic) US-08-255-892-66
                                                                                                                                                                                                                                                                                    PILING LALL.

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/834,543

PILING DATE: 11-FEB-1992

ATTORNEY/AGENT INFORMATION:

NAME: DEAVER, DONALD B.

NAME: DEAVER, DONALD B.

1032/9410
Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.3e+03; Matches 14; Conservative 0; Mismatches 1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 66,
                                                                                                                                                                                              TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                               REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 202-861-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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LINE APPLICATION DATA:

PILING DATE:

CLASSTER.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: MABILAT, CLAUDE
APPLICANT: MANDRAND, BERNARD
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
TITLE OF INVENTION: TECHNIQUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                               SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                        LENGTH: 19 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: UZIP: 20005
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5038 CACTGGAGAGCCTAC 5052
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             B: CUSHMAN, DARBY & CUSHMAN
1100 NEW YORK AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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93.3%; Pred. No. 2.
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                                    Length 19;
       Indels
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                                                                                                                                       RESULT 2988
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              Sequence 124, Application US/08184009
PATENT NO. 5833975
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 106, Application US/08257073 Patent No. 5766597
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                                                                                                                                                                                                                                                                          Query Match 0.2%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/075,783
FILING DATE: 11-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,305
FILING DATE: 18-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: MALARIA RECOMBINANT POXVIRUS VACCINE NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curcis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 07/672,183 FILING DATE: 20-MAR-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Paoletti, Enzo
APPLICANT: de Taisne, Charles
APPLICANT: Tine, John A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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TOPOLOGY: lin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                        414 AGTCAACCGGGAAGT 428
                                                                                                                                                                                          15 AGTCAACCCGGAAGT 1
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                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                              single
RECOMBINANT VIRUS IMMUNOTHERAPY
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Pred. No. 2.3e+03;
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COUNTRY: USA
ZIP: 10036
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/184,009
FILING DATE: 19-JAN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REGISTRATION NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
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US-08-389-360-7
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COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,360
FILING DATE: Herewith
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION UDMBER: 08/196,630
FILING DATE: February 15, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: van de
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (212) 840-33:
TELEPAX: (212) 840-0712
TELEX: 425066CURTWS
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                              COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
COMPUTER: ISBN 2/2
                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: van der Bruggen et al.
TITLE OF INVENTION: ISOLATED PEPT:
TITLE OF INVENTION: WITH MHC MOLEK
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: CDNA
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                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
STREET: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%; Score 13.4; DB 1; Length 19;
Local Similarity 93.3%; Pred. No. 2.3e+03;
1es 14; Conservative 0; Mismarchom
                                                                                                                                                                                                                                                                                               CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      414 AGTCAACCGGGAAGT 428
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , Application US/08389360 5877017
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                                                                                                                                                                                                                                                                                                                                           805 Third Avenue
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; MOLECULE TYPE: US-08-458-356-124
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                                                                    TELEX: 42566CURTMS
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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FILING DATE: June 17, 193
ATTORNEY/AGENT INFORMATION:
NAME: Pasqualini, Patricia A.
REGISTRATION NUMBER: 34,894
REFERENCE/DOCKET NUMBER: LUD 5310.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                NAME: Frommer, William S.
REGISTON NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 45-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 08/184,009
FILING DATE: 19-JAN-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/0.
FILING DATE: 02-JUN-1995
CLASSIFICATION: 424
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STREET: 530 Fifth Avenue
                                     TOPOLOGY:
                                                  STRANDEDNESS:
                                                                                                                                                                TELEFAX:
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Pred. No. 2.3e+03;
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Query Match

0.2%;

Score 13.4;

DB 1;

Length 19;

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RESULT 2991
US-09-038-328-7
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Matches 14; Conservative
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                                                                                      Sequence 15, Appli
Patent No. 6194142
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                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/389,360
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/079,110
FILING DATE: June 17, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Pasqualini, Patricia A.
REGISTRATION NUMBER: 14,894
REFERENCE/DOCKET NUMBER: 1UD 53:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: van de
GENERAL INFORMATION:
APPLICANT: Moncany, Maurice
APPLICANT: Montagnier, Luc
TITLE OF INVENTION: Mucleoti
TITLE OF INVENTION: Genome (
                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: VAN der Bruggen et al.
TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
TITLE OF INVENTION: WITH MHC MOLECULE HLA-Cw*1601 AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 incl
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC
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CURRENT APPLICATION DATA:
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ADDRESSEE: Felfe & Lynch
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CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/038,328
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Similarity 93.3%;
                                                                                                      Application US/09092077
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 Nucleotide Sequences Derived From The Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           08/079,110
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                                                                                                                                                                                                                                                                                   Score 13.4; DB 1; Length 19; Pred. No. 2.3e+03;
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0; Mismatches 1
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GENERAL INFORMATION:
APPLICANT: Van Baren, Nicolas
APPLICANT: Brasseur, Francis
APPLICANT: Brasseur, Francis
APPLICANT: Brasseur, Thierry
TITLE OF INVENTION: METHOD FOR DIAGNOSING LEUKEMIA BY DETERMINING
TITLE OF INVENTION: TUMOR REJECTION ANTIGEN PRECURSORS
FILE REPERENCE: LUD 5527.1-JEL/ES
CURRENT APPLICATION NUMBER: US/09/183,931C
CURRENT FILING DATE: 2000-02-28
EARLIER APPLICATION NUMBER: US 09/018,422
EARLIER FILING DATE: 1998 - 02 - 04
                                                                                                                                                                                                                                                 Sequence 16, Appli
Patent No. 6210886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 0235
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)408-4400
TELEFAX: (202)408-4400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/472,928
FILING DATE: 07-UUN-1995
APPLICATION NUMBER: US 08/160,465
FILING DATE: 02-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FR 8907354
FILING DATE: 06-FEB-1989
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/092,077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 20-SEP-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 6
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STREET: 1300 I Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 20005-3315
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 13.4; DB 1;
Pred. No. 2.3e+03;
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                                                                                                                            ; TOPOLOGY: linear; MOLECULE TYPE: CDNA
US-08-460-736-124
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; NAME/KEY: PCR primer
; OTHER INFORMATION: Synthesized by oligonucleotide synthesis
US-09-183-931-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-460-736-124/c
                                                           Query Match
Best Local S
Matches 14
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Best Local Similarity
Matches 14; Conserv
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LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/460,736 FILING DATE: 02-UUN-1995 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/184,009 APPLICATION NUMBER: US 08/184,009 FILING DATE: 19-JAN-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                         TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                    TYPE: nuc...
STRANDEDNESS: sing
Through linear
Throw
                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
CITY: N
STATE:
                                                                                                                                                                                                                                                                                                                    NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                           LENGTH:
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                             414 AGTCAACCGGGAAGT 428
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                                                                                                                                                                                          nucleic acid
                                                                                                                                                                                                         19 base pairs
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                                                               Conservative
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                                                                                                                                                                         single
                                                                            93.3%;
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                                                                              Score 13.4; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.
                                                               Mismatches
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.3e+03;
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                                                                Indels
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                                                               Gaps
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RESULT 2995
US-09-338-907-464/c
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US-09-218-207-464/c
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                                                                                                                                                                                                                                                                                     APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Hya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET 018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER APPLICATION NUMBER: 60/99,658
EARLIER FILING DATE: 1997-12-22
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , OTHER INFORMATION: potential microsequencing oligo for 4-86-206.misl US-09-338-907-464
                                                                                           US-09-218-207-464
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Matches
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 464, Application US/09338907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 464, Application US/09218207
Patent No. 6346381
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patent.pm
SEQ ID NO 464
LENGTH: 19
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                                                                                                                                                                                                                                                  SEQ ID NO 464
LENGTH: 19
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                                                 Query Match
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EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
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CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
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APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PEATURE:
NAME/KEY: misc_feature
LOCATION: 1..19
                                                                                                                                     NAME/KEY: misc_feature LOCATION: 1..19
                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                 ORGANISM: Homo Sapiens
                                                                                                                OTHER INFORMATION: potential microsequencing oligo for 4-86-206.mis1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          y Match 0.2%;
Local Similarity 93.3%;
hes 14; Conservative
y Match 0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 2.3e+03; hes 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7323 TGTGTCCTGCTTTGA 7337
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Pred. No. 2.3e+03;
0; Mismatches 1; Indels
                                            Length 19;
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         Gaps
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GENERAL INFORMATION:

APPLICANT: Van Baren, Nicolas

APPLICANT: Brasseur, Francis

APPLICANT: Brasseur, Thierry

APPLICANT: Boon-Falleur, Thierry

TITLE OF INVENTION: METHOD FOR DIAGNOSING LEUKEMIA BY DETERMINING

TITLE OF INVENTION: TUMOR REJECTION ANTIGEN PRECURSORS

FILE REFERENCE: LUD 5527.3-JEL/MAS

CURRENT APPLICATION NUMBER: US/09/705,160

CURRENT APPLICATION NUMBER: US/09/183,931

PRIOR APPLICATION NUMBER: US 09/183,931

PRIOR APPLICATION NUMBER: US 09/183,931
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; TYPE: DNA
; ORGANISM: Artificial sequence
; PEATURE: PCR primer
; OTHER INFORMATION: Synthesized by oligonucleotide synthesis machine
US-09-705-160-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 2997
US-09-705-160-16
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                                                                                                                                                                           ; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19 -
; OTHER INFORMATION: microsequencing oligo
US-09-345-882-106
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GENERAL INFORMATION:

APPLICANT: BOUGUELECE, LYGIE

APPLICATI: BOUGUELECE, LYGIE

APPLICATION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)

TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.

FILE REFERENCE: GENSET.031A

CURRENT APPLICATION NUMBER: US/09/345,882

CURRENT FILING DATE: 1999-06-30

PRIOR APPLICATION NUMBER: US 60/091,315

PRIOR APPLICATION NUMBER: US 60/111,909

PRIOR APPLICATION NUMBER: US 60/111,909

PRIOR FILING DATE: 1998-12-10

PRIOR FILING DATE: 1998-12-10
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Patent No. 6387630
                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 106
LENGTH: 19
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                                                                                       Matches
                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patent.pm
                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 140
                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Match 0.2%;
Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4392 CCTATTGCTTCTGTT 4406
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                       4941 CCTCCTTTACTTTTT 4955
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19 CCTCCTTTTCTTTT 5
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                                                                                                            0.2%;
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Pred. No. 2.3e+03;
                                                                                                            Score 13.4; DB 1;
Pred. No. 2.3e+03;
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                                                                                           Mismatches
                                                                                                                                                                                                        for 5-130-257.mis1
                                                                                                                                      DB 1;
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                                                                                                                                 Length 19;
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; OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide primer US-09-662-402A-34
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US-09-662-402A-34
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Sequence 7, Application US/09435524
Patent No. 6465184
Patent No. 6465184
GENERAL INFORMATION:
GENE
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Best Local Similarity
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APPLICANT: Casa, Alexandra M
TITLE OF INVENTION: MINIATURE INVERTED REPEAT TRANSPOSABLE ELEMENTS AND
TITLE OF INVENTION: METHODS OF USE
FILE REFERENCE: 235.00230101
CURRENT APPLICATION NUMBER: US/9/662,402A
CURRENT FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/153,812
PRIOR PILING DATE: 1999-09-14
NUMBER OF SEQ ID NOS: 40
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                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WOrdperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/435,524
FILING DATE: 08-No. 6465184-1999
CLASSIFICATION STORAGE
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/038,328
FILING DATE: CUNKNOWN>
PRIOR APPLICATION NUMBER: 09/038,328
FILING DATE: CUNKNOWN>
APPLICATION NUMBER: 08/079,110
FILING DATE: June 17, 1993
ATTORNEY/AGENT INFORMATION:
NAME: PASGUALINI, PATRICIA A.
REGISTRATION NUMBER: 34,894
REFERENCE/DOCKET NUMBER: LUD 5310.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/09662402A
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RESULT 3001
US-09-535-370-124/c
US-09-535-370-124/c
US-09-535-370-124/c
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; SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-535-370-124
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GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserva
                                                                  Matches
                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION UNBER: US/09/535,370
APPLICATION NUMBER: US/09/535,370
PILING DATE: 24-Mar-2000
CLASSIFICATION: duknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 454310-2530 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/460,736
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4392 CCTATTGCTTCTGTT 4406
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COX, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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                               414 AGTCAACCGGGAAGT 428
15
                                                                  14;
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                                                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                 STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                     TELEFAX: (212) 840-0712
                                                                                                                                                                                                                                                                                                                     TELEPHONE: (212) 840-3333
                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 25,506
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
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                                                                Score 13.4; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 1;
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Pred. No. 2.3e+03;
0; Mismatches 1
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
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                                                                                                                           ; NAME/KEY: primer_bind; LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-1404 for SEQ 291, US-09-422-978-4225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-422-978-4186
                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4225
LENGTH: 19
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LENGTH: 19
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Patent No. 6537751
GENERAL INFORMATION:
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APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Bialielic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-14-21
                                          Matches
                                                                 Best Local Similarity
                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                     EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo Sapiens
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nes 14; Conservative
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    4012 AAAATGAGAAAAAAG 4026
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                                          Conservative
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Pred. No. 2.3e+03
0; Mismatches
                                                               Score 13.4; DB 1;
Pred. No. 2.3e+03;
                                               Mismatches
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RESULT 3004
US-09-422-978-4463
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                                                                       ; FEATURE:
; NAME/KEY: primer bind
; LOCATION: 1..19 -
; OTHER INFORMATION: upstream amplification
US-09-422-978-4923
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US-09-422-978-4923
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APPLICANT: Chen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Blallelic markers for us
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
EARLIER PILING DATE: 1998-04-21
EARLIER PILING DATE: 1998-04-21
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Sequence 4463, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET: 020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1999-04-21

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-11-23
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SEQ ID NO 4463
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                     SEQ ID NO 4923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.2%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-15129 for SEQ 529,
                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                  ORGANISM: Homo Sapiens
                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                   LENGTH: 19
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     0.2%;
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Pred. No. 2.3e+03;
     Score 13.4; DB 1;
Pred. No. 2.3e+03;
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                                                                                                   primer 99-18721 for SEQ 989,
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                            Length 19
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; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7868 for SEQ 1994,
US-09-422-978-5928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
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US-09-422-978-5928
                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chen, Daniel
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-10-20
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Best Local
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Patent No.
                                                                                                                                                               SEQ ID NO 6997
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT ELILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
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                         FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
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ORGANISM: Homo Sapiens
                                                                                         ORGANISM: Homo Sapiens
OTHER INFORMATION: upstream amplification primer 99-21948 for SEQ 3063
                                                                                                                                          LENGTH: 19
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Local Similarity 93.3%;
nes 14; Conservative
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o. 6537751
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APPLICANT: Chumakov, Tlya
APPLICANT: Chumakov, Tlya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
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                                                                                                                                                          Sequence 8930, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET. 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
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Best Local Similarity
Matches 14; Conserv
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Matches
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LENGTH: 19
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Patent No. 653775
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EARLIER FILING DATE: 1998-04-21
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NAME/KEY: primer_bind
LOCATION: 1..19
LOCATION: do
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NAME/KEY: primer_bind
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: downstream amplification primer 99-17001
                         FEATURE:
                                          TYPE: DNA
ORGANISM: Homo Sapiens
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                                                                                   ENGTH: 19
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llarity 93.3%;
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Pred. No. 2.3e+03;
0; Mismatches 1;
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Pred. No. 2.3e+03;
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; OTHER INFORMATION: downstream amplification primer 99-2012 for SEQ 1065, US-09-422-978-8930
                                                   APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICAT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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US-09-422-978-10908
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SEQ ID NO 9853
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Best Local Similarity 93.3%;
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SEQ ID NO 10908
LENGTH: 19
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
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EARLIER FILING DATE: 1998-04-21
                                        NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-7792 for SEQ 1988, in complem
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Pred. No. 2.
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Pred. No. 2.3e+03;
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                                                                                                             US-09-382-497-7
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Patent No. 6638512
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                                                     Matches
                                                                               Query Match
                                                                                                                                                                                                 TELEFAX: (212) 838-3884 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/
EILING DATE:
CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/385
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/075
APPLICATION NUMBER: 08/075
APPLICATION NUMBER: 17, 1993
ATTORNEY/AGENT INFORMATION:
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APPLICANT: van de
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: PC-D
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                        NAME: Pasqualini, Patricia A. REGISTRATION NUMBER: 34,894 REFERENCE/DOCKET NUMBER: LUD TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
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                                                                                                                                         TYPE: nucleic acid STRANDEDNESS: singl
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                                                                                                                                                                                                                               TELEPHONE:
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                                                                   Local Similarity
                                                                                                                                                                    LENGTH:
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vention: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
vention: WITH MHC MOLECULE HLA-Cw*1601 AND USES
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                                                       Conservative
                                                                                                                             linear
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                                                                                                                                        single
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Pred. No. 2.3e
0; Mismatches
                                                       Score 13.4; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         storage diskette
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                                                                                     DB 1;
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RESULT 3013

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US-09-747-391-164
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; ORGANISM: Homo sapiens
US-09-747-391-164
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PCT-US91-03680-2/c
                                                                                    TELEX: 706141
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 164
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Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Tonai, Richard
APPLICANT: StemCyte, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-00210US
CURRENT APPLICATION NUMBER: US/09/747,391
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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FEATURE:
NAME/KEY:
LOCATION:
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REFERENCE/DOCKET NUMBER: 46:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Matteucci, Mark D. APPLICANT: Krawczyk, Steven
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TELEFAX: 706141
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                                                         TOPOLOGY:
                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: POFILING DATE: 19910524
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Pred. No. 2.3e+03;
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RESULT 3016
US-08-487-141B-19/c
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TELEX: 706141
INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
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             Sequence 19, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic OJ
TITLE OF INVENTION: Targeting the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
CCLASSIFICATION: 435
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APPLICANT: Matteucci, Mark D.
APPLICANT: Krawczyk, Steven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
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TITLE OF INVENTION:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                    0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 2.3e+03: 1es 14; Conservative
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STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
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OTHER INFORMATION:
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Therapeutic Oligonucleotides
Targeting the Human MDR1 and
114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%; Score 13.4; DB 1; Length 19; 93.3%; Pred. No. 2.3e+03;
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/note= "N4N4-ethanocytosine deoxymucleotide"
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US-08-927-561-19/c
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPUTER:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, VICURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION: APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
PILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION UMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Plopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Targeting
TITLE OF INVENTION: Targeting
114
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HYPOTHETICAL: NO
ANTI-SENSE: YES
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CITY: Philadelphia
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Local Similarity 93.3%;
Local Similarity 93.3%;
nes 14; Conservative
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FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                         COUNTRY: USA
ZIP: 19103-2307
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APPLICATION NUMBER:
                                 CLASSIFICATION:
                                                                                                                                                                                                                                                             ADDRESSEE: Dann, Dorfman, Herrell and Skillman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH:
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              APPLICATION DATA:
                                                                                                                                                                                                                                              Philadelphia
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1601 Market Street Suite 720
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                                                                                                                                                                                                                                                                                                                                                                     Smith, Larry J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DNA (genomic)
                                                                                                                                                                                                                                                                                                                                   Therapeutic Oligonucleotides 
Targeting the Human MDR1 and
US 08/487,141
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Pred. No. 2.4e+03;
0; Mismatches 1;
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RESULT 3018
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                              Sequence 19, Application PC/TUS9609388
GENERAL INFORMATION:
                                                                                                   TELEPHONE: (215)563-410
TELEPAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
MOLECULE TYPE:
HYPOTHETICAL: 1
ANTI-SENSE: YE
                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: not relevant MOLECULE TYPE: DNA (genom HYPOTHETICAL: NO ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
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NAME: Rigaut, Kathleen D
                                                                                                                                                   NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 630
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Therapeutic Oligonuclectides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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REGISTRATION NUMBER: P4
                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1601 ...
                                                                                                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE: 07-JUI CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
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                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
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                                                                                     LENGTH:
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                                                                        nucleic acid
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1601 Market Street Suite 720
                                                                                       20 base pairs
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                                             not relevant
                                                                                                                                               (215) 563-4100
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                               DNA (genomic)
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US-08-275-951-46/c
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Best Local Similarity
Matches 14; Conserv
                                                              Matches 14;
                                                                               Query Match
Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
APPLICANT: Christensen, Leif
TITLB OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
CURRENT FILING DATE: 1994-07-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/08,658
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1991-C
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PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1992-05-22
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                                                                                                                                          NAME/KEY: misc feature
LOCATION: (10). (11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence NAME/KEY: misc_feature LOCATION: (5)...(6) OTHER INFORMATION: N is Pseudoisocytosine
                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                       NAME/KEY: misc_feature LOCATION: (10)
                                                                                                                                                                                                                       OTHER INFORMATION: N is Pseudoisocytosine
                                                                                                                                                                                                                                                                        OTHER INFORMATION: N is Pseudoisocytosine
                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (8)
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                              4021 AAAAAGAGAGAAAAACAAAA 4039
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                                                                                  Similarity
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Kiely, John
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                                                                Conservative
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                                                              0; Mismatches
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                                                                               Score 13.4; DB 1
Pred. No. 2.4e+03
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Pred. No. 2.4e+03;
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                                                                                                  DB 1;
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                                                                Indels
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RESULT 3020

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SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-358-383C-21
                                                                      ; TOPOLOGY: li
; MOLECULE TYPE:
US-07-984-044A-9
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                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 7005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.

ZIP: 1036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/984,044A
FILING DATE: 02-DEC-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
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TITLE OF INVENTION: NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR FILE REFERENCE: MNI-055CP
CURRENT APPLICATION NUMBER: US/09/358,383C
CURRENT FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: USSN 09/119,855
PRIOR FILING DATE: 1998-07-21
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NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                           STRANDEDNESS:
                                                                                                                                         TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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Conservative
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   Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1
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Pred. No. 2.4e+03;
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                                     Length 20;
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RESULT 3022
US-08-071-601-15
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US-08-271-942A-106/c
; Sequence 106, Application US/08271942A
; Patent No. 5550020
                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-071-601-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 255-2022
TELEPAX: (608) 255-2182
TELEFAX: 26832 ANDSTARK
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 15, App. No. 553017
                                                                                                                                                                                                                                                                                                                                                                     Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                GENERAL INFORMATION:
APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 53202-4178
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: BLECK, GREGORY T.
APPLICANT: BREWEL, ROBERT D.
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS OF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Sara, Charles S
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: F. 3262-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                         Match 0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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T: 100 E. WISCONSIN AVE., SUITE 1100
MILMAUKEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
Oppedahl & Larson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
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RESULT 3024
US-07-977-284A-116/c
; Sequence 116, Application US/07977284A
""" on the No. 5558988
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: MAXIMA T. LAIRON
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HYPOTHETICAL: no ANTI-SENSE: no FRAGMENT TYPE: i ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/271,942A
FILING DATE: 08-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                          APPLICANT: Ritvaniemi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                        NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Com
OPERATING SYSTEM:
SOFTWARE: Word Pe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (914) 962-4330
                                             CITY: Philadelphia
                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAMB/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Match 0.2%;
Local Similarity 93.3%;
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                                                                             ADDRESSEE:
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19103
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                                                            B: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
One Liberty Place, 46th floor
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Williams, Charlene J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                        Darwin J.
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COMPUTER READABLE FORM:

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US-07-977-284A-118
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US-07-977-284A-116
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FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 118, Appl
Patent No. 5558988
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Procko
APPLICANT: Ala-Ko
                                                                                                                APPLICATION NUMBER: US/07/
FILING DATE: 13-NOV-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Ritvaniemi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
UNMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRE
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Philadelphia
STATE: PA
COUNTRY: USA
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COMPUTER: IE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 19103
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6923 AGAGCCTCTGGCTGC 6937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15 AGAGCCTCTGCCTGC
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One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/07977284A
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Ala-Kokko, Leena
Williams, Charlene J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                 US/07/977,284A
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US-08-250-856A-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: LII; ANTI-SENSE: NO US-07-977-284A-118
                                                                                                          US-08-250-856A-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 5563255
GENERAL INFORMATION:
APPLICANT: Monia,
                               Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.4e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 15, Application US/08250856A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: TJ
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 118:
                                                                                                                                                                                                                              TELEFAX: (609) 779-848
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 39
CORRESPONDE ADDRESS:
ANDRESSES:
                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0094
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08
FILING DATE: May 31, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                         TOPOLOGY: Lin
                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
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STREET: NJ
STATE: NJ
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                                                                                                                                    TYPE: STRANDEDNESS: SIL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: NUCLEIC ACID STRANDEDNESS: SING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
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 5936 CTGGGCTGGACTGCC 5950
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                                                                                                                                                                            Nucleic Acid
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                                                                                                                                                        Single
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Pred. No. 2.4e+03;
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                                                                     Length 20;
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RESULT 3028
US-08-222-177A-237
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NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECHONE: (212) 977-9550
TELEK: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 93.3
                                                                                                                   Sequence 237, Application US/08222177A

Sequence 237, Application US/08222177A

Patent No. 5582979

Applicant: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, Application US/08118441
Patent No. 5578493
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -08-118-441-3/c
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TITLE OF INVENTION: ISSUE
TITLE OF INVENTION: GENE
TITLE OF SECTION CES: 29
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gilliam, T. CONLAU
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Tanzi, Rudolph E.
APPLICANT: TANZI, RUDOLATION AND USES OF A WILSON'S DISEASE
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/118,441 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: nucleic acid
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                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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                                                                             Wisconsin
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30 Rockefeller Plaza
                                                                USA
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93.3%; Pred. No. 2.
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RESULT 3029
US-08-222-177A-285
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; CLONE: mfd64p2
US-08-222-177A-237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 285, Application US/08222177A Patent No. 5582979
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELECHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 0986
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEPAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
PILING DATE: 21-APR-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: 1i
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/222,177A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                 53717-1914
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8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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RESULT 3031
US-07-976-103A-14
; Sequence 14, Ap
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US-08-202-990-3/c
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                                                                                                                                                                                                                                                                              NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE JOCKET NUMBER: MYC9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPHONE: (617) 861-6240
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                       Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Bulawa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bulawa, Christine
TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITY
TITLE OF INVENTION: FUNGAL PATHOGENICITY
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IMMEDIATE SOURCE:
CLONE: mfd85p1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: Two Mili
                                                                                                                                                                                                                                                 TYPE: nucleic acid
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                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 02173
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
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                                                                                                 6556 CTGGTGGGACAGTTT 6570
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Application US/07976103A
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METHODS FOR IDENTIFYING INHIBITORS OF
FUNGAL PATHOGENICITY
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                                                                                                                                                         Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
                                                                                                                                             Mismatches
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                                                     Query Match
Best Local Similarity
Matches 14; Conserve
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                 FEATURE:
NAME/KEY: modified_base
LOCATION: 17
LOCATION: /not
                                                                                                                                                                                                                                       OTHER INFORMATION: /note= "This position is C'
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:

NAME/KEY: modified_base
LOCATION: 6
LOCATION: /not
                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                 NAME/KRY: modified_base
LOCATION: 9
OTHER INFORMATION: /note= "This position is C'
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
                                                                                                                                                               NAME/KEY: modified_base
LOCATION: 20
OTHER INFORMATION: /note= "This position is C'
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: GILEAD SCIENCES,
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: Callfornia
                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: /note= "This position is C'OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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                                  4464 TITITITITITITITITI
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WAGNER, RICK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        JONES, ROBERT J.
GUTIERREZ, ARNOLD J.
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20
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                                                                     Score 13.4; DB 1; Length 20; Pred. No. 2.4e+03; O; Mismatches 4; Indels
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US-08-458-393-9
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US-08-487-1418-20/c
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COMPUTER: IBM PC COMPUTED:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,393
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/984,044
FILING DATE: 02-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7005-053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 9, Application US/08458393
PATENT NO. 5661011
GENERAL INFORMATION:
APPLICANT: Kudo, T. et al.
TITLE OF INVENTION: Sexing Method Of Bovine Embryos
NUMBER OF SEQUENCES: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                    Sequence 20, Application US/08487141B Patent No. 5683987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEPAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                      TITLE OF INVENTION: Therapeuti
TITLE OF INVENTION: Targeting
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
STREET: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Match 0.2%; Score 13.4; DB 1; Length 20; Local Similarity 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                 ADDRESSEE: Dann, Dorfman, Herrell and Skillman STREET: 1601 Market Street Suite 720
                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH:
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                                                                                                                                                                                Philadelphia
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                                                                                                                                        USA
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Targeting the Human MDR1 and
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 103
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
PILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEAVER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFOR APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,892
RILING DATE:
RILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,6
REFERENCE/DOCKET NUMBER:
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LENGTH: 20 base pairs
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: MABILAT, CLAUDE
APPLICANT: MANDRAND, BERNARD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                               STREET: 1100 NEW CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
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                                                                                                                                                                                                                                                                                                                   CITY: WASHI
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                  ZIP: 20005
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1100 NEW YORK AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/08255892
                                                                                                                                                                                                                                                                                                     USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CROS,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PHILIPPE
                                                                                                                                                                                                                                                                                                                                                                                                                   PROCEDURE FOR DETECTION OF A NUCLEOTIDE SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION TECHNIQUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.2%; Score 13.4;
93.3%; Pred. No. 2.
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                    1032/94109
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TELEFAX:

202-822-0944

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US-08-171-718-13
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                                                      ; TOPOLOGY:
US-08-171-718-13
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description US/08171718
Patent No. 5707863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local 9
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Trofat
                                                                                                                                                                TELEFAX: (202) 371-2540 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                               NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEPAX: (202) 371-2540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/026,063 FILING DATE: 04-MAR-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE: 19-AUG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gusella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Thereof
                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/171,718
FILING DATE: 22-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Washington STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Sterne, Kessler, Goldstein & Fox
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Trofatter, James A. MacCollin, Mia M.
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                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                     UMBER: US 08/108,808
19-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%; Score 13.4; DB 1; 87.5%; Pred. No. 2.4e+03;
0.2%;
93.3%;
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Score 13.4; DB 1;
Pred. No. 2.4e+03;
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                Length 20;
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US-08-605-089-18/c
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US-08-665-966-16/c
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 06-JUL-1994
APPLICATION NUMBER: PCT/JP95/01352
FILING DATE: 06-JUL-1995
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                            APPLICANT: Steffens, Jol
APPLICANT: Ghangas, Gur
TITLE OF INVENTION: ACY
TITLE OF INVENTION: Tran
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: CFILING DATE: 06-JUL-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/605,089
FILING DATE: 06-MAR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: LINEAR MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE NUMBER OF SEQUENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Takafumi FUKUI
APPLICANT: Kiyonori KATSURAGI
APPLICANT: MOTITOShi KINOSHIT.
APPLICANT: Sadahito SHIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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ZIP: 20037
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                                 CITY: Arlington
                                               ADDRESSEE: Jones, Tullar & Cooper, STREET: P.O. Box 2266 Eads Station
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEB: SUGHRUE, MION, ZINN, MACPEAK & SEAS
STREET: 2100 Pennsylvania Avenue, N.W.
STATE: Virginia COUNTRY: USA
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Acyl Transferase and Gene Encoding Acyl
                                                                                                                   Transferase
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                                                                                                                                                                      John C.
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Pred. No. 2.4e+03;
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                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 94404
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                        PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/976,103

PILING DATE: 25-NOV-1992

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/965,941

FILING DATE: 23-OCT-1992
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LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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REGISTRATION NUMBER: 22495
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-1500
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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CLASSIFICATION: 514 RIOR APPLICATION DATA: APPLICATION NUMBER:
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  US 08/338,352
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Pred. No. 2.4e+03;
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; NAME/KEY: modified
; LOCATION: 20
; OTHER INFORMATION:
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                                                                                                                                                           PATENT NO. 5850000
GENERAL INFORMATION:
APPLICANT: BLECK, GREGORY T.
APPLICANT: BREWEL, ROBERT D.
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS OF USE
                                                                                                                                                                                                                                                                           Sequence 15,
                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEPAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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COMPUTER READABLE FORM:
                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: ANDRUS, SCEALES, STARKE & SAWALL
STREET: 100 E. WISCONSIN AVE., SUITE 1100
                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: 6
OTHER INFORMATION: /note= "This position is C'OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: modified_base IOCATION: 17
OTHER INFORMATION: /note= "This position is C'OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
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             COUNTRY: USA
ZIP: 53202-4178
                                                     STATE:
                                                                       STREET: 100 E. |
CITY: MILWAUKEE
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5-methyl-2'-deoxycytidine."
                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%; Score 13.4; 77.8%; Pred. No. 2.
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5-methyl-2'-deoxycytidine."
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ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S
REGISTRATION NUMBER: 9,492
REFERENCE/DOCKET NUMBER: F.3:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 255-2022
TELEPAX: (608) 255-2182
TELEX: 26832 ANDSTARK
INFORMATION FOR SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 142, Appl
Patent No. 5851760
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Relter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.25
CUREENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES NUMBER OF SEQUENCES: 797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 800 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                          STATE: CA
COUNTRY: U
ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                              STREET: 444 South
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE:
COMPUTER: IF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 22-MAI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/07/744,765
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22-MAR-1996
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Pred. No. 2.4e
0; Mismatches
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RESULT 3041
US-08-117-952-148
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                                      Query Match
 Matches
                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REBERSITATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: 941 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 619-546-473
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                    TELEPHONE: 619-546-473
TELEPAX: 619-546-9392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
                                                                                          HYPOTHETICAL:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: 01
HYPOTHETICAL: NO
                                                                                                                               MOLECULE TYPE:
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y Match 0.2%;
Local Similarity 93.3%;
hes 14; Conservative
                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE:
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
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                                                                                                                             Oligonucleotide
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Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
                                    Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 20;
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US-08-651-692-10
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US-08-927-561-20/c
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                                                                                                                  Sequence 20, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY JAGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0144
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: Herewith
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MEDIUM TYPE:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 42
CORRESSEE Law Offices of Jane Massey Licata
ADDRESSEE Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Loren Miraglia, Thomas Geiger,
APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
TITLE OF INVENTION: Compositions and Methods for
TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
                                                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE:
                                                     TITLE OF INVENTION: Therapeuti
TITLE OF INVENTION: Targeting
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 210 Lake CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: Single TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                              Match 0.2%;
Local Similarity 93.3%;
                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
                                                                                                                                                                                                                                                                                              2084 GTGCTACTGTGCGGG 2098
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SEE: Dann, Dorfman, I
: 1601 Market Street
Philadelphia
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                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                      Yes
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                                                                                       Therapeutic Oligonucleotides 
Targeting the Human MDR1 and
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                     Herrell and
t Suite 720
                                                                                                                                                                                                                                                                                                                                                Score 13.4; DB 1;
Pred. No. 2.4e+03;
                                                                                     the Human
                                                                                                                                                                                                                                                                                                                                                                Length 20;
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                                                                                           MRP Genes
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RESULT 3044
US-08-761-243C-10/c
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FILING UALL.

CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Benjamin Aaron Adler, Ph.D., J.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5956
TELECOMMUNICATION INFORMATION:
TOTOPHONE: 713-77-2321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 10,
Patent No. 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/
PILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,0
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/487,141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOPTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: YES
                                                                                                                                            SOPTWARE: MICROSOFE WORD for Macintosh CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,243C
FILING DATE: December 6, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (215)563-4100
                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kamal D. TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
TOPOLOGY: not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/927,561
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                                                                                                                                                                                                                                                                                       COUNTRY: U
ZIP: 77071
                                                                                                                                                                                                                                                                                                                                          STREET: 8011 (
                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3217 GTGGGTGGGAGGAGG 3231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16 GTGGGTGGGAGGAAG 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0, Application US/08761243C 5879879
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                                                                                                                                                                                                                                                                                                                      Texas
                                                                                                                                                                                                                                                                                                                                                       E: Benjamin Aaron Adler, Ph.D.,J.D.
8011 Candle Lane
                                                                                                                                                                                                                                                                                                        USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ESS: single not relevant
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No. 5879879el Cis-Acting
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Pred. No. 2.4e+03;
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                                                                                               J.D.
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; MOLECULE TYPE:
; DESCRIPTION: of
; HYPOTHETICAL: No
; ANTI-SENSE: No
; ORIGINAL SOURCE:
US-08-761-243C-10
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US-08-478-178A-115/c
; Sequence 115, Application US/08478178A
""" NO. 5882927
""" NO. 5882927
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                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCI
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WONDDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,
FILING DATE: herewith
CLASSIFICATION UNDER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: 35,152
REFERENCE/DOCKET NUMBER: 1SIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
                                   Matches
                                               Query Match
Best Local (
                                                                                                  TOPOLOGY: linear
ANTI-SENSE: yes
-08-478-178A-115
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS: Modcock Washburn Kurtz
ADDRESSEE: Wackiewicz & No. 5882927ris
STREET: One Liberty Place - 46th Floor
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                                             Local
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ZIP: 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: One Liberty CITY: Philadelphia
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STRANDEDNESS: 81...
TYPE: linear
                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: singl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2421 CAACATCACCCACCC 2435
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8 GCTGGCCGGGCGCTC 22
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                                                 Similarity
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nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Nicholas Dean, C. Frank Bennett
VENTION: Oligonucleotide Modulation of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE IBM PS/2
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                               0.2%; Score 13.4; DB 1;
93.3%; Pred. No. 2.4e+03;
ative 0; Mismatches 1
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                                                               DB 1; Length 20;
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US-08-481-072A-115/c
; Sequence 115, Application US/08481072A
; Patent No. 5916807
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Patent NO. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: TOTAL TITLE OF INVENTIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION NUMBER: US/08/488,177
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Nichola
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (215) 568-310
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                      APPLICANT: Nicholas Dean, C. Frank Bennett TITLE OF INVENTION: Oligonucleotide Modulation of TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear ANTI-SENSE: yes
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                                                        STREET: One Liberty
CITY: Philadelphia
                                                                                                     ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
COUNTRY:
                                        STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Match 0.2%; Local Similarity 93.3%;
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ADDRESSEE: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor
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USA
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Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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US-08-664-336-115/c
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852

FILING DATE: MATCH 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPAN: (215) 568-3100
TELEPAN: (215) 568-3439
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
                                                  COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION UMMBER: US/08/664,336
FILING DATE: herewith
CLASSIFICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: 089,996
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
APPLICATION UMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATIN:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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MEDIUM TYPE: DISKETTE, 3.5
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
PORT ICATION UNMERS. IN (ACA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5922686ris
STREET: One Liberty Place - 46th Ploor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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STRANDEDNESS: singl
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Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 19103
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: IS
                     NAME: Paul K. Legaard
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
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Pred. No. 2.4e+03;
ISIS-2345
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US-08-866-650-7/
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                                                                                                                            US-08-866-650-7
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Best Local Similarity 93.3%;
                                                                          Query Match
Best Local 9
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TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 115:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                   TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  **MERAL INFORMATION: Danies SAPPLICANT: Greenspan, Danies SAPPLICANT: Takahara, Kazuhiko APPLICANT: Hoffman, Guy G
TITLE OF INVENTION: Mammalian Tolloid-Like Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 53703
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "oligonucleotide primer"
                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
PILING DATE:
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                NAME: Berson, Bennett J
REGISTRATION NUMBER: 37094
REFERENCE/DOCKET NUMBER: 96
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 1 Sout
CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Quarles & Brady STREET: 1 South Pinckney Street
                                                                                                                                                                                                                                                                                   TELEPHONE: 608-251-5000
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                   1029 GATGAAGAGGAAGTA 1043
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20 GATGAAGTGGAAGTA 6
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                                                                            Similarity
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ilarity 93.3%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Floppy disk
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                                                             Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1
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Pred. No. 2.4e+03
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                                                                                            DB 1; Length 20;
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                                                                Indels
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RESULT 3050

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US-08-256-426B-118
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                                                                                                                                    Sequence 118, Application US/08256426B Patent No. 5948611
                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 14; Conserv
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Patent No. 59
                                                                                  GENERAL INFORMATION:
APPLICANT: Prockol
APPLICANT: Ala-Kol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 116:
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APPLICANT:
APPLICANT:
APPLICANT:
                   APPLICANT:
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APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Mark DeLuca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
                                                 APPLICANT:
 APPLICANT:
                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible OPERATING SYSTEM: Windows 3.1 SOFTWARE: WORDPERFECT 6.1
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                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                        6923 AGAGCCTCTGGCTGC 6937
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Ahmad, Nilofer Nina
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Baldwin, Clinton
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Ala-Kokko, Leena
Williams, Charlene J.
                                                                 Ala-Kokko, Leena
Williams, Charlene J.
Ahmad, Nilofer Nina
                              Ritvaniemi, Pertt
Baldwin, Clinton
                                                                                                    Prockop,
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                                                                                                    Darwin J.
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Pred. No. 2.4e+03
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RESULT 3052
US-08-975-211-27
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Best Local Similarity
Matches 14; Conserv
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Patent No. 5948902
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
ODERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: MATK DEFINICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (215) 568-31
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO:
             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                     APPLICANT: Honkanen, Richard E
APPLICANT: Dean, Nicholas M
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
TITLE OF INVENTION: HUMAN SERINE/THREONINE PROTEIN PHOSPHATASE GENE EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJ
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: ME
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: One ____
APPLICATION NUMBER:
                                                                                                                                 ZIP: 14614-1310
                                                                                                                                                                         STATE:
                                                                                                                                                                                         STREET: 39 State Street CITY: Rochester
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: NUCLEIC ACID
STRANDEDNESS: SINGI
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                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Mark DeLuca
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
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                                                                                                                                                                       New York
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One Liberty Place - 46th Floor
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ilarity 93.3%;
Conservative (
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US/08/975,211
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Pred. No. 2.4e+03;
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FILING DATE: CLASSIFICATION:

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Length 20;

Indels

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Sequence 15, Application US/08756806A
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                        FILING DATE: May 31, 194
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licate
REGISTRATION UNMEER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 87/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-262-3640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Braman, Susan J
REGISTRATION NUMBER: 34,103
                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US95/07111
PILING DATE: MBy 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonuclectide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/756,806A FILING DATE: No. 5952229ember 26, 1996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66 East Main Street
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                                                                                                       ) 810-1454
--- NO: 15:
                                Single
                                                                                                                                             779-2400
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                                                                                                                                                                                   ISPH-0200
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Pred. No. 2.4e+03;
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                                                                                                            US-08-343-443B-119/c
                                                                                                                               RESULT 3055
                                                   ; Sequence 119, Application US/08343443B; Patent No. 5968734; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                    US-08-481-066A-115
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                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                           Query Match 0.2%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (215) 568-343 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonuclectide Modulation
TITLE OF INVENTION: Protein Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: line
ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5959096ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
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                                                                                                                                                                                                                                                         14; Conservative
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Similarity 93.3%; Pred. No. 2.
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 Delattre, Olivier
Desmaze, Chantal
                                    Aurias, Alain
                                                                                                                                                                                                                                                                                                                                                                      linear
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Pred. No. 2.4e+03;
0; Mismatches 1;
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RESULT 3053 US-08-756-806A-15

Patent No.

GENERAL INFORMATION: APPLICANT: Monia,

Marlton

08053 z

USA

TYPE: Nucleic Acid STRANDEDNESS: Sing

Linear

LENGTH:

TELEPHONE:

(609)

Length 20;

Indels

<u>.</u>

Gaps

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(609)

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US-08-975-211-27

ANTI-SENSE:

of.

STRANDEDNESS:

nucleic acid

ENGTH:

TOPOLOGY:

linear YES

Query Match
Best Local Similarity
Matches 14; Conserv

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                                                                                                                                                                                                                 Sequence 7, Application US/09021287 Patent No. 5981717
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                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 215-875-831
TELEFAX: 215-875-8394
INFORMATION FOR SEQ ID NO:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT:
APPLICANT:
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LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 19-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 92/06123
FILING DATE: 20-MAY-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/343,443B
FILLING DATE: 18-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR93/00494
FILING DATE: 19-MAY-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE AEDIT 1.0 DOS text editor
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
                                                                                                                       APPLICANT: Greenspan, Daniel S
APPLICANT: Takahara, Kazuhiko
APPLICANT: Hoffman, Guy G
TITLE OF INVENTION: Mammalian Tolloid-Like Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 215-875-8383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 1
                                                                                     CORRESPONDENCE ADDRESS
                                                                                                      NUMBER OF SEQUENCES:
             STREET: 1 Sout
CITY: Madison
STATE: WI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 230 - CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Weiser, Gerard J. REGISTRATION NUMBER: 19, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
COUNTRY:
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                                                                    ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity
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                                                 B: Quarles & Brady
1 South Pinckney Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Weiser & Associates
230 South Fifteenth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Melot, Thomas
Peter, Martine
Ploougastel, Be
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ilarity 93.3%;
Conservative
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FENTION: NUCLEIC ACID CORRESPONDING TO A GENE OF
JENTION: CHROMOSOME 22 INVOLVED IN RECURRENT CHROMOSOMAL
JENTION: TRANSLATIONS ASSOCIATED WITH THE DEVELOPMENT OF CANCEROUS
JENTION: TUMORS, AND NUCLEIC ACIDS OF FUSION RESULTING FROM SAID
JENTION: TRANSLOCATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Thomas,
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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Best Local Similarity
Matches 14; Conserv
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Patent No. 5989810
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                             ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,287
 FILING DATE:
APPLICATION NUMBER: US 07/749,385
FILING DATE: 22-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William no 223
                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Flanagan, William A. APPLICANT: Crabtree, Gerald R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 96
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
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                                                                                                                                                             APPLICATION NUMBER: US/08/507,032 FILING DATE:
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REGISTRATION NUMBER: 37094
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                                                                                                                                                                                                                                                                                                                                                STATE:
                                                                                                                                                                                                                                                                                                                                                                 CITY: San Francisco
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REGISTRATION NUMBER: 30,223
                                                                                                      APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Screening Methods for Immunosuppressive Agents
                                                                                                        US/08/228,944
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pred. No. 2.4e
0; Mismatches
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.4e+03;
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US-08-874-186-48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local Similarity 93.3%;
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INFORMATION FOR SEQ ID NO:
                                                                                                         TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 2488
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Teng, David H-F.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Perry III, William L.
APPLICANT: Skolnick, Mark H.
TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE
TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTITIE OF INVENTION: SUPPRESSOR IN VARIOUS TYPES OF CANCER
                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 10-JAN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti,
ADDRESSEE: 1201 New York Avenue, N.W., Suite 1000
STREET: 1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: 1..20
OTHER INFORMATION: /note= "Purine Rich Core Sequence"
                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/874,186 FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1201 New CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U
ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 5490A-89
                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
DESCRIPTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3278 AAGAAGAAAAATGAA 3292
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                                                                      nucleic acid
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                                       linear
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/desc = "Primer."
                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR SUPPRESSOR IN VARIOUS TYPES OF CANCER
                                                                                                                                                                                                                                                                                                                    US 08/782,482
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Pred. No. 2.4e+03;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 20
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US-08-940-250-9/c
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PATERL NO. COLLEGE OF PARENTION:
GENERAL INFORMATION:
APPLICANT: Gruenert, Deiter C.
APPLICANT: Kunzelmann, Karl
APPLICANT: Kunzelmann, Karl
TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
TITLE REFERENCE: 480.18-1(HV)
                                                                                                                                                   RESULT 3060
US-08-487-799-63
                                                                                                                                                                                                                                                                                                                                                                     ; ANTI-SENSE:
US-08-940-250-9
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                                                                                                              Sequence 63, Application US/08487799C
Patent No. 6010908
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Best Local (
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APPLICATION UNBER: US/08/9-
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/731,
APPLICATION NUMBER: 08/731,
APPLICATION NUMBER: 08/731,
APPLICATION NUMBER: 32,257
APPLICATION NUMBER: 32,257
APPLICATION NUMBER: 32,257
APPLICATION NUMBER: 32,257
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APPLICANT: Nichol
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: Nucleic Acid
STRANDEDNESS: Sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                              Match 0.2%; Score 13.4; DB 1; Length 20; Local Similarity 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE:
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                                                                                                                                                                                                                                               6933 GCTGCTGTTTGGGCA 6947
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                                                                                                                                                                                                                           18 GCTGCTGTCTGGGCA
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IVENTION: Antisense Oligonucleotide Modulation

IVENTION: of MDR P-Glycoprotein Gene Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                        Linear
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                                                                                                                                                                                                                                                                                                                                                                                                                       Single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 41
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                                                                                                                                                                                                                                                                                               Mismatches
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                                                                                                                                                                                                                                                                                                 0
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CURRENT APPLICATION NUMBER: US/08/487,799C; CURRENT FILING DATE: 1995-06-07; EARLIER APPLICATION NUMBER: 07/933,471; EARLIER FILING DATE: 1992-08-21; EARLIER APPLICATION NUMBER: 08/409,544; EARLIER FILING DATE: 1995-03-24; NUMBER OF SEQ ID NOS: 87; SOFTWARE: Patentin Ver. 2.0; SEQ ID NO 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              S
TOPOLOGY:
; ANTI-SENSE:
US-08-578-615A-77
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US-08-578-615A-77/c
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Best Local Similarity
                                                                                                                                                                                                                                                    APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/ACENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REGISTRATION NUMBER: 38,534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
GENERAL INFORMATION:
NICHOLAS Dean, C. Frank Bennett and Russell, T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
STREET: One Liberty Place - 46th Ploor
                                                                                                                        REPERENCE/DOCKET NUMBER: ISIS-1568
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/578,615A
FILING DATE: 11-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
                                                             STRANDEDNESS: single
                                                                                                          LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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                                                                                 nucleic acid
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                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.4e+03;
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RESULT 3063
US-09-357-070-8/c
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US-08-755-587-172
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US-08-755-587-172
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,587
FILING DATE: 25-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION UNUMBER: GB 9523959.6
FILING DATE: 23-NOV-1995
PRIOR APPLICATION DATA:
APPLICATION UNUMBER: GB 952555.0
FILING DATE: 14-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNUMBER: GB 952555.0
FILING DATE: 14-DEC-1995
PRIOR APPLICATION DATA:
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                                                                                                                                                      Query Match 0.2%; Score 13.4; Best Local Similarity 93.3%; Pred. No. 2. Matches 14; Conservative 0; Mismatche
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Best Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: GB 9617961.9
FILING DATE: 28-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kenneth D Sibley
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405-13:
INFORMATION FOR SEQ ID NO: 172:
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TITLE OF INVENTION: side
TITLE OF INVENTION: sus
TITLE OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: N
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
STREET: 31
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                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                         5602 TTTAAGTGGTGCTTC 5616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      172,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION:
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                                                                                6 TGTAAGTGGTGCTTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          B: Bell Seltzer Park & Gibson
310 UCB Plaza, 3605 Glenwood Avenue, PO Drawer 31107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/08755587
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Stratton, Michael R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Materials and methods relating to the identification and sequencing of the BRCA2 cancer susceptibility gene and uses thereof.
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                                                                                                                                                               Mismatches
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Sequence 8, Application US/09357070
Patent No. 6046049
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert

The fact.

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RESULT 3064
US-09-344-001-20
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US-09-357-070-8
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US-08-779-916A-106/c
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CURRENT FILING DATE: 1999-07-19
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 8
LENGTH: 20
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LENGTH: 20
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity 93.3%;
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CURRENT FILING DATE: 1999-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OP INVENTION: ANTISENSE MODULATION OF Jun N-TERMINAL KINASE KINASE-2 EXPRESSION
PILE REFERENCE: RTS-0067
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ANTISENSE MODULATION OF PI3 KINASE P110 DELTA EXPRESSION FILE REFERENCE: RTS-0076
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                                                                               APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
APPLICANT: Hui, May
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
                                                                             COUNTRY:
                                                                                                                 CITY: Yorktown Heights
                                                                                                                                  ADDRESSEE: Oppedahl & Larson STREET: 1992 Commerce Street,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1774 CCAGGGAAGACGCCG 1788
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93.3%;
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Pred. No. 2.
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Pred. No. 2.4e+03;
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                                                                                                                                    Suite 309
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.4e+03;
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RESULT 3066
US-09-041-780-16/c
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Patent No. 6
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 07-JAN-1
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/271,942
PILING DATE: 08-JUL-1994
ATTORNEY/AGENT IMPORMATION:
NAME: Marina T. Larson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: DOS SOPTWARE: Word Perfect CURRENT APPLICATION NUMBER: US
                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Steffens, John C.
APPLICANT: Ghangas, Gurdev S.
TITLE OF INVENTION: Acyl Transferase and Gene Encoding Acyl
TITLE OF INVENTION: Transferase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (914) 245-3252
ATTORNEY/AGENT INFORMATION:
NAME: Spector, Eric S.
                                               CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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REFERENCE/DOCKET NUMBER:
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                                                                                                  FILING DATE:
                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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Pred. No. 2.4e+03;
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                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application Patent No. 6068975
GENERAL INFORMATION:
                                                                      Matches
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                           TOPOLOGY: 1i
MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,579A
FILING DATE: June 17, 1996
CIASCIPICATION: A15
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-1500
                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ISOLATION AND TITLE OF INVENTION: DISEASE GENERAL NUMBER OF SEQUENCES: 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gilliam, T. Conrad
APPLICANT: Tanzi, Rudolph E.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
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                                                                                                                                                                                                                                TYPE: nucleic acid
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                 STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: United States of America ZIP: 10036
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                                5029 GAGGCAGCTCACTGG 5043
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1185 Avenue of the Americas
                                                                    Conservative
                                                                                                                                                                                                 linear
                                                                                                                                                             DNA (genomic)
                                                                                       93.3%;
                                                                                                        0.2%;
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•••
                                                                    0;
                                                                                     Score 13.4; DB 1;
Pred. No. 2.4e+03;
                                                                      Mismatches
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                                                                                                    Length 20
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US-09-166-186-69/c
; Sequence 69, Application US/09166186A
; Patent No. 6080580
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US-08-478-087-13
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                                                RESULT 3069
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                                                                                                                                                             Matches
                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                  TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/
APPLICATION NUMBER: US 08/
APPLICATION UNMBER: US 08/
FILING DATE: 19-AUG-1993
APPLICATION UNMBER: US 08/
APPLICATION NUMBER: US 08/
FILING DATE: 25-PEB-1993
APPLICATION UNMBER: US 08/
APPLICATION UNMBER: US 08/
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                            NAME: Brown, Anne
REGISTRATION INVEER: 36,463
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Sterne, K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gusella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                   0.2%;
Local Similarity 93.3%;
les 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Washington
                                                                                                                                                                                                                                        TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                                                                3451 CTTCTCCTCCCTGAC 3465
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1100 New York Avenue, N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US 08/108,808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US 08/171,718
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Mia M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           US 08/026,063
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                                                                                                                                                             0,
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                                                                                                                                                                            Score 13.4; DB 1;
Pred. No. 2.4e+03;
                                                                                                                                                             Mismatches
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                                                                                                                                                                                          Length 20;
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                                                                                                                                                             Gaps
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GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.

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US-09-166-186-151/c
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                                                                                                                                                                  Sequence 151, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISCNES OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 250
SEQ ID NO 150
LENGTH: 20
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LENGTH: 20
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                                                NUMBER OF SEQ ID NOS: 250
SEQ ID NO 151
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISINSE OLIGONUCLEOTIDE MODULATION OF
FILE REFERENCE: 159H-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF THE-A EXPRESSION FILE REFERENCE: ISPH-0322 CURRENT APPLICATION NUMBER: US/09/166,186A CURRENT FILING DATE: 1998-10-05 NUMBER OF SEQ ID NOS: 250
                                                                                                                  FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE: OTHER INFORMATION: antisense sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
OTHER INFORMATION: antisense sequence
                             ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                             1502 AGGGTGTCTGGGAÇA 1516
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16 AGGGTGTCTGGCACA 2
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Pred. No. 2.4e+03;
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
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NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 152
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ś
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US-09-166-186-153/c
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                                                                                                                         ; OTHER INFORMATION: antisense sequence US-09-166-186-153
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 153, Application US/09166186A Patent No. 6080580
                                                                           Query Match
Best Local S
                                                                                                                                                                                                                           SEQ ID NO 153
                                                                                                                                                                                                                                      APPLICANT: Baker, Brenda
APPLICANT: Butler, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILLING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/166,186A CURRENT FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: ISPH-0322
                                                                                                                                                           TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURB:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
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                              1502 AGGGTGTCTGGGACA 1516
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                                                           h 0.2%;
Similarity 93.3%;
14; Conservative
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 AGGGTGTCTGGCACA 3
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Pred. No. 2.4e+03
                                                              Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 13.4; DB 1;
Pred. No. 2.4e+03;
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                                                                                            Length 20;
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RESULT 3075
US-09-143-214-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Baker, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 15, App. -- No. 6090626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 154
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 154, Application US/09166186A Patent No. 6080580
                                PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/756,806

FILING DATE: No. 6090625ember 26, 199

APPLICATION NUMBER: PCT/US95/07111

FILING DATE: May 31, 1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856

FILING DATE: May 31, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licate
REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: 1SPH-0200

TELEPHONE: (609) 779-2400

TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
TELEFAX: (609) 810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: PC-DOS
SOPTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/143,214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1502 AGGGTGTCTGGGACA 1516
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US-09-143-214-15
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                                                                                                                     US-08-850-347-10
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                                                            Matches
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GENERAL INFORMATION:
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                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                               TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 2391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
                                                                                                                                      TOPOLOGY: line
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: mous
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: STITLE OF INVENTION: CONTITLE OF INVENTION: CONTITLE OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/850,347
FILING DATE:
CLASSIFICATION: 514
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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                                                                           Local Similarity
                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                        TELEPHONE: (218)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Kohn & Associates
STREET: 30500 No. 6110742thwestern Hwy.
CITY: Farmington Hills
STATE: Michigan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.2%;
Local Similarity 93.3%;
es 14; Conservative 0
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TOPOLOGY: Lir
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                            2892 AGGAGTGTAGGATGC 2906
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Eckstein, Fritz
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                                                            Conservative
                                                                                                                                      mouse
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                                                                           Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
                                                           Mismatches
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RESULT 3077 US-08-903-139B-1

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US-08-990-065-10/c
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Best Local Similarity 93.3%;
Matches 14; Conservative o
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Patent No. 6121046
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION INDMBER: 60/031,443
APPLICATION INDMBER: 60/031,443
PILING DATE: September 20, 1996
ATTORNEY, AGENT INFORMATION:
NAME: Krieger, Paul E.
REGISTRATION NUMBER: 25,886
REFERENCE/DOCKET NUMBER: 00162-3/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-850-0909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 713-850-0165
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Joe W. Templeton, Jianwei Feng, L. Garry Adams,
APPLICANT: Erwin Schurr, Philippe Gros, Donald S. Davis and Roger Smith
TITLE OF INVENTION: METHOD OF IDENTIFICATION OF ANIMALS
TITLE OF INVENTION: RESISTANT OR SUSCEPTIBLE TO DISEASES SUCH AS RUMINANT
TITLE OF INVENTION: BRUCELLOSIS, TUBERCULOSIS, PARATUBERCULOSIS AND SALMONELLOSIS
                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/903,139B
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                     APPLICANT: Kaufer, Daniela
TITLE OF INVENTION: SYNTHETIC ANTISENSE
TITLE OF INVENTION: OLIGODECXYNUCLEOTIDES
TITLE OF INVENTION: CONTAINING THEM
                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & As
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                        STREET:
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Parmington Hills
Michigan
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1177 West Loop South, 10th Floor
                                      E: Kohn & Associates
30500 No. 6121046thwestern Hwy.
                                                                                                                                                                                                 Seidman, Shlomo
Eckstein, Fritz
Friedman, Alon
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Pred. No. 2.4e+03;
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                                                                                                                                            AND PHARMACEUTICAL COMPOSITIONS
                                          Suite 410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 20;
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US-08-765-340-44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, V.
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/765,340
FILING DATE: 23-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPAX: (248) 539-5055
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
HYPOTHETICAL: I
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Montgomery, Ilene N.
REGISTRATION NUMBER: 38,972
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/850,347
FILING DATE: 02-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.
TITLB OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 01-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Montgomery, Ilene I
                                                                                                                                           ZIP: 10154
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/990,065 FILING DATE: CLASSIFICATION: 514
                                                                                                                                                              COUNTRY: UZIP: 10154
                                                                                                                                                                                               STREET: 345 PA
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: sing
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                                                                                                                                                                                                                                                     ADDRESSEE:
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Local Similarity 93.3%;
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                                                                                                                                                                                                   NEW YORK
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                  US/08/765,340
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Pred. No. 2.4e+03;
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                                                                          Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 20;
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                                                                                                                                                                                                     US-09-444-053-27
                                                                                                                                                                                                                       RESULT 3081
                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-444-053-25
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Sequence 27, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. COWSETT
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 25
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 25, Application US/09444053A Patent No. 6165728
GENERAL INFORMATION:
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Best Local (
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Best Local
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APPLICANT: LOAM COWSETT
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEPAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 44:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: 1: MOLECULE TYPE:
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LENGTH: 20 base pairs
TYPE: nucleic acid
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FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JF 311130/94
PILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: SERUNIAN, LESLIE REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5926 AGATGTCCACCTGGG 5940
                                                                                                                                                                                                                                                                                                             2004 ACACCCCCCAGCAGG 2018
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Similarity 93.3%;
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RRR: 1452-4005
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Pred. No. 2.4e+03;
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-444-053-27
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RESULT 3083
US-09-280-805-114
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US-08-928-941D-5/c
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                                                                                                                    Matches
                                                                                                                               Query Match
Best Local Similarity
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APPLICANT: Hirai, Hiroshi
APPLICANT: Sherr, Charles
                                                                                                                                                                                                                                                                                                                 TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-002 N
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                          MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: CYCLIN-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE:
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STREET: 411 Hackensack Ave,
STREET: Floor
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Local Similarity 93.3%;
les 14; Conservativo
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TOPOLOGY: li
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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Continental Plaza, 4th
                                                                                                                        Mismatches
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; Sequence 114, Application US/09280805

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RESULT 3084
US-09-101-886B-85
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COUNTY 21P: 20004

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATING SYSTEM: PC-DOS/MS-DOS
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Matches
                                                                                                                                                                                                                                                                    Patent No. 6197507

GENERAL INFORMATION:
APPLICANT: BERG, THOMAS
APPLICANT: TOLLERSRUD, OLB K
APPLICANT: NILSSEN, OIVIND
TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%;
Best Local Similarity 93.3%;
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OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,
FILING DATE: herewith
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/0
PILING DATE: March 26, 1
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISINSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE:
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                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 1
                                                                                                                                                                                     STREET: 555 ...
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TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
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                                                                                                                                                                                                                     E: BARBARA G. ERNST
555 13TH STREET, NW
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26, 1998
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Pred. No. 2.4e+03;
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APPLICANT: APPLICANT:

YUAN, JUNYING WANG, SUYUE MIURA, MASAYUKI

APPLICANT:

FISHMAN, JAY

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                                                                 RESULT 3086
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                                                 US-08-908-436-8
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                                                                                                                                                                                                                                                                                        SOPTWARE: PatentIn Ver. 2.0
SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
Sequence 8, Application Patent No. 6214572
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 59, Application US/09290640
Patent No. 6204055
GENERAL INFORMATION:
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                                                                                                                                                                                             Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling FILE REFERENCE: ISPH-0351
CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
RUMBER OF SEQ ID NOS: 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/
FILING DATE: 12-JAN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE N
HYPOTHETICAL: N
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LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: 202-783-6040
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
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                                                                                                                                  6923 AGAGCCTCTGGCTGC 6937
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                                                                                                                 15 AGAGCCTCTGGATGC 1
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                                Application US/08908436
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                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                              DB 1;
                                                                                                                                                                                                            Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 50, Application US/08836261A Patent No. 6221582
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APPLICANT: GIESENDORF, BELINDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 0609.4220001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEPAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/836,261A
FILING DATE: 25 Apr 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                           TITLE OF INVENTION: NEW POLYNUCIEIC ACID SEQUENCES FOR USE IN THE TITLE OF INVENTION: DETECTION AND DIFFERENTIATION OF PROKARYOTIC ORGANISMS NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 09-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: BUGAISKY, LAWRENCE B.
                                                                                                                                                                                                                                                                                                                                                        APPLICANT: QUINT, WILHELMUS
APPLICANT: VAN DOORN, LEENDERT-JAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOPTWARE: PatentIn Release #1.0, Version #1.30
PRIOR APPLICATION DATA:
                                                                                                                                                  STALL: USA COUNTRY: USA 77210-4433
                                                                                                                                                                                                                     ADDRESSEE: ARNOLD, WHITE & DURKEE STREET: P.O. BOX 4433
CITY: HOUSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: Herew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 20005-3934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: WASHINGTON
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Pred. No. 2.4e+03;
0; Mismatches 1;
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                                ; TOPOLOGY: 1:
; MOLECULE TYPE:
US-08-836-261A-60
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GENERAL INFORMATION:
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Query Match
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PILING DATE: 30 Oct 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 948701
PILING DATE: 28 Oct 1994
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS
                                                                                                                                                       REFERENCE/DOCKET NUMBER: INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/EP95/04264
FILING DATE: 30 Oct 1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/836,261A FILING DATE: 25 Apr 1997 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
                                                                                                                                                                                                          FILING DATE: 28 Oct 1994
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: QUINT, WILHELMUS
APPLICANT: VAN DOORN, LEENDERT-JAN
TITLE OF INVENTION: NEW POLYNUCLEIC ACID SEQUENCES FOR USE IN THE
TITLE OF INVENTION: DETECTION AND DIFFERENTIATION OF PROKARYOTIC ORGANISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic)
                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: HOUSTON
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hes 14; Conserv
                                                                                                                                                                                        NAME: KAMMERER, PATRICIA A. REGISTRATION NUMBER: 29,775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
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                                                                                                                       LENGTH:
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                                                                                                     nucleic acid
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                                                DNA (genomic)
                                                                                    single
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 Score 13.4;
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Length 20;
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Sequence 31, Application US/09193377B

Patent No. 6221594

GENERAL INFORMATION:
APPLICANT: Burrell, Paul
APPLICANT: Blackall, Linda
APPLICANT: Blackall, Linda
APPLICANT: Keller, Jurg
TITILE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
TITILE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE
FILE REFERENCE: CULLNO.001AUS
CURRENT APPLICATION NUMBER: US/09/193,377B
CURRENT FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 62
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 20
TYPE: NAME
                                                                                                                                                                                                                                                         APPLICANT: Keller, Jury
APPLICANT: Keller, Jury
TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
FILE REFERENCE: CULLAUZO.001AUS
CURRENT APPLICATION NUMBER: US/09/193,377B
CURRENT FLING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Nitrobacter
US-09-193-377B-37
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US-09-193-377B-31/c
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                                               RESULT 3091
US-09-313-932-69/c
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US-09-193-377B-37/c
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                                                                                                                                                                                        Query Match
Best Local S
Matches 14
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APPLICANT: Burrell,
APPLICANT: Blackall
APPLICANT: Keller,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 37, Application US/09193377B Patent No. 6221594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local (
Sequence 69, Application US/09313932A Patent No. 6228642 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                     y Match 0.2%;
Local Similarity 93.3%;
hes 14; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    / Match 0.2%; Score 13.4; DB 1; Length 20; Local Similarity 93.3%; Pred. No. 2.4e+03;
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                                                                                                                       AAAGGCAGTTCTGGA 6
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Blackall, Linda
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                                                                                                                                                                                                            Score 13.4; DB 1;
Pred. No. 2.4e+03;
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                                                                                                                                                                                                                           Length 20;
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                    Local
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; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 199-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 69
; SEQ ID NO 69
; LENGTH: 20
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US-09-313-932-151/c
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                                                                                                                                                                                                                 Sequence 151, Application US/09313932A Patent No. 6228642 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Butner, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT FILING DATE: 1999-05-18
UNMBER OF SEQ ID NOS: 501
SEQ ID NO 150
SEQ ID NO 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 150,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity Matches 14; Conserv
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Query Match
Best Local Similarity
Matches 14; Conserve
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; OTHER INFORMATION: Synthetic US-09-313-932-152
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US-09-313-932-153
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APPLICANT: Baker, Brenda
APPLICANT: Benett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 15PH-0356
                                                                                  FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 153
LENGTH: 20
                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                              Sequence 153, Application US/09313932A Patent No. 6228642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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LENGTH: 20
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SEQ ID NO 151
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ORGANISM: Artificial Sequence
                                ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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                                                                     TYPE: DNA
              OTHER INFORMATION: Synthetic
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Pred. No. 2.
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Pred. No. 2.4e+03;
0; Mismatches 1
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APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, Madeline M.
APPLICANT: Shanahan, William R.
ITITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF
ITITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 491
LENGTH: 20
TYPOE: TNAN
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US-09-313-932-154/c
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Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanshan, William R.
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 491, Applic Patent No. 6228642 GENERAL INFORMATION:
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SEQ ID NO 154
LENGTH: 20
                                                                        Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative (
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Best Local Similarity
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ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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CAGATAAATATTTTA 20
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                                                                                              Score 13.4;
Pred. No. 2.
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Pred. No. 2.4e+03;
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Patent No. 6
                                                                        Query Match
Best Local Similarity
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APPLICANT: PROBELER, BRIAN
APPLICANT: JONES, ROBERT J.
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLECTIDES CONTAINING MODIFIED
TITLE OF INVENTION: PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
PILLING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNBY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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CTTY: Palo Alto
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OTHER INFORMATION: /note=
OTHER INFORMATION: methyl
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LOCATION:
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                                                           Conservative
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methyl
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                                                                         Score 13.4;
Pred. No. 2.
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                                                                           .4e+03
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NUMBER OF SEQ ID NOS: 89
SEQ ID NO 20
LENCTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-560-594-20/c
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US-09-560-594-20
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APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
FILE REFERENCE: RTS-0.14
CURRENT APPLICATION NUMBER: US/09/560,594
CURRENT FILING DATE: 2000-04-28
CURRENT FILING DATE: 2000-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 20, Application US/09560594
Patent No. 6242590
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                                                                                  TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
                                                                                                                               CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION UNMER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
APPLICATION UNBER: US/09/021,70: FILING DATE: 10-FEB-1998
                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity 93...
TOPOLOGY: lir
                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                    TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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3000 Hanover Street
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Webb, Peter G.
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                                                                                                                      650-236-2386
              single
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Pred. No. 2
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                                                                                                                                                                                                                                                                                               Version #1.30
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2.4e+03;
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US-09-021-701-726
; Sequence 726, Application US/09021701
; Patent No. 6251588
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; ANTI-SENSE: N
US-09-021-701-665
                                                      RESULT 3102
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Best Local Similarity
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APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                          MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 650-236-2386
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                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10
                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
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CLASSIFICATION:
                                                                                                                                                                                Local
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3000 Hanover Street
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Pred. No. 2.4e+03;
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Best Local Similarity
Taches 14; Conserve
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US-09-021-701-1069/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ANTI-SENSE: US-09-021-701-726
                                                                                                                                                                                                                                                               Sequence 1069, Application US/09021701 Patent No. 6251588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Chol, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10
                                                                                                                                                                                   APPLICANT: Shannon, Karen W. APPLICANT: Wolber, Paul K. APPLICANT: Delenstarr, Glenda APPLICANT: Webb, Peter G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
HYPOTHETICAL:
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APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods f
TITLE OF INVENTION: probe seq
                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
COMPUTER READABLE FORM:
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                                                                                                                         NUMBER OF SEQUENCES:
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                 COUNTRY: U
ZIP: 94304
                                                            CITY: Palo Alto
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CITY: Palo Alto
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                                                                                           ADDRESSEE:
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Wolber, Paul
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                                                                                           Records Manager,
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Pred. No. 2
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                                                                                           Legal Department, Hewlett-Packard Company M/S 20
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US-09-021-701-1070/c
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Best Local &
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION UNWBER: US/09/021,701
FILING DATE: 10-FEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Plopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
PILING DATE: 10-FEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
ATTILE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
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APPLICANT:
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HYPOTHETICAL: NO
ANTI-SENSE: NO
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                                                                                                           CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
                                     NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
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TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                            Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Shannon, Karen
Wolber, Paul K.
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                                                                              10971464-1
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Pred. No. 2.4e+03;
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                                                                                                             ; MOLECULE TYPE: cl
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-1071
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Best Local Similarity 93.3%;
                                                          Matches
                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                              TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Methods for evaluating oligonucleotide TITLE OF INVENTION: probe sequences UNMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: 10
                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 10-FEI CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 3000 Har
CITY: Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
                                                                                                                                                                         STRANDEDNESS:
TOPOLOGY: lir
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                                                                                                                                                                                                                    LENGTH:
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                             1990 GGAGCAGATGTTACA 2004
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18
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GGAGCAGATGATACA
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                                                                                                                                                                                                                     20 base pairs
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3000 Hanover Street
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                                                          Conservative
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                                                                                                                                                             CDNA
                                                                                                                                                                                       single
                                                                      0.2%;
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Pred. No. 2
                                                          0
                                                                      Score 13.4; DB 1;
Pred. No. 2.4e+03;
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                                                          Mismatches
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Best Local Similarity
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NAME: Choi, Wendy A.
REGISTRATION UMBER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                           APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
TITLE OF SEQUENCES: 1165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                            APPLICANT:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
NEDIT CONTON MATER: PIC/DO/O1770
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APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
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                      DDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                     1990 GGAGCAGATGTTACA 2004
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E: CA
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    Records Manager, Legal Department, Hewlett-Packard Company M/S 20
3000 Hanover Street

                                                                                                                                     Delenstarr, Glenda C.
Webb, Peter G.
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Wolber, Paul K.
Delenstarr, Glenda C.
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Wolber, Paul K.
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                                                                                                                                                                                                   Karen W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                          <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 13.4; DB 1; Length 20; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.2%; Score 13.4;
Best Local Similarity 93.3%; Pred. No. 2.
Matches 14; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Shanno
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEPAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 1073
SEQUENCE CHARACTERISTICS:
                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Patentin Re-LOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
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ANTI-SENSE: NO
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NAME: Chol, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10
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STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 94304
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TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                   B: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
3000 Hanover Street
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Wolber, Paul K.
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US-09-191-240-3/c
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative (
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                                                                                                                                                                                                                     TELEFAX: (617) 861-954
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: CI
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bulawa, Christine
TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
TITLE OF INVENTION: FUNGAL PATHOGENICITY
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                      NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MYC93-08
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FO-COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 650-236-2386
                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/202,990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: Two Million CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION:
                                                                                                                                                                 LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/191,240
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                                                                                                                                                       TOPOLOGY: linear
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) 861-9540
NO: 3:
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Pred. No. 2.4e+03;
                                                                                    Score 13.4; DB 1;
Pred. No. 2.4e+03;
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                                                                    Mismatches
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OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-81
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                                                                                                                                                           US-09-489-869-61
                                                                                                                                                                               RESULT 3112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-487-368A-81
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                                                                                                             Sequence 61, Application US/09489869A
Patent No. 6268151
GENERAL INFORMATION:
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Best Local Similarity 93.3
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                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: RTS-UUY3
CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
CURRENT FILING DATE: 240
APPLICANT: Susan Murray
APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lex M. Cowse: APPLICANT: Jacqueline Wyatt TITLE OF INVENTION: ANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/488,857B
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 90
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5629 CAAGGAAGTGCTTGG 5643
                                                                                                                                                                                                                                                           4386 CTGCTCCCTATTGCT 4400
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+03;
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                                                      MACROPHAGE MIGRATION INHIBITORY FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OF PTP1B EXPRESSION
                                                                                                                                                                                                                                                                                                                        Length 20;
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RESULT 3114
US-09-240-473-7/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Susan Murray
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Jecqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                           Sequence 7, Application US/09240473
Patent No. 6297011
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 14; Conserv
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Patent No. 62681
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LENGTH: 20
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Best Local Similarity
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TYPE: DNA
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
COMPUTER READABLE FORM:
MEDIUM TYPE: F10ppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/240,473
                                                                                                                                                                                                                         APPLICANT: Greenspan, Daniel S
APPLICANT: Takahara, Kazuhiko
APPLICANT: Takahara, Kazuhiko
APPLICANT: Hoffman, Guy G
TITLE OF INVENTION: Mammalian Tolloid-Like Protein
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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                                                                                                                                                                CITY: Madison
STATE: WI
                                                                                                                             COUNTRY: U
                                                                                                                                                                                                  STREET:
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1 South Pinckney Street
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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US-09-280-590A-5
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US-09-280-590A-5/c
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GENERAL INFORMATION:
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TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                    TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 37094
REFERENCE/DOCKET NUMBER: 96
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,590A
FILING DATE: 29-Mar-1999
CLASSIFICATION: CUnknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Egg., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-002 N CP2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
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              TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: CYCLIN-D BINDING FACTOR, AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hirai, Hiroshi
Sherr, Charles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1029 GATGAAGAGGAAGTA 1043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 46
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Berson, Bennett
                                                                                                               LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Hackensack
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 411 Hackensack Ave, Continental Plaza, 4th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: David A. Jackson,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        608-251-5000
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Bodner, Sarah M.
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93.3%; Pred. No. 2.4e+03
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CORRESPONDENCE ADDRESS:

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RESULT 3116
US-08-957-351-17/c
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; DESCRIPTION:
US-08-957-351-17
                                                                                                                                                                                      RESULT 3117
US-09-019-160-50
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Patent No. 6306586
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Best Local Similarity 93.3%;
                                                                                                                                                   Sequence 50, Application US/09019160 Patent No. 6306588
                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Semina, Elena
APPLICANT: Murray, Jeffrey C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 617-832-7000 INFORMATION FOR SEQ ID NO:
                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Chatterjee, ... APPLICANT: Solue, Joseph APPLICANT: Solue, Joseph APPLICANT: Yang, Shuwei APPLICANT: Yang, Shuwei TITLE OF INVENTION: Polymerases for Analyzing or Typing Polymorphic TITLE OF INVENTION: Nucleic Acid Fragments and Uses Thereof TITLE OF INVENTION: Nucleic Acid Fragments and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: ARROLD, Beth B.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKST NUMBER: UIJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/957,351 FILING DATE: 24-OCT-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                          other nucleic acid
/desc = "oligonucleotide"
                                                                                                                                                                                                                                                                                                                                         0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF CATAR
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Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                         Score 13.4; DB 1;
Pred. No. 2.4e+03;
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                                                                                                                                                                                                                                                                                                                                                           DB 1;
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                                                                                                                                                                                                                                                                                                                                                                      Sequence 41,
Patent No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0942
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2640
TELEFAX: 202-371-2540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compati
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Ver
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 60/037,393
PILING DATE: 07-FEB-1997
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOPTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/019,160
                                                                                                                                                                                                                                      APPLICANT: Williams, Mark E.
APPLICANT: Stauderman, Kenneth A.
APPLICANT: Harpold, Michael M.
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
                                                                                                    STATE: California
COUNTRY: US
ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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TOPOLOGY: bot
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base par
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: (To ) FILING DATE: 06-JAN-1998
                                                                                                                                              STREET: 4250 EXCITY: La Jolla STATE: Californ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                    ADDRESSEE:
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    Application US/08984709A
6320032

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                                                                                                                                                                                    4250 Executive
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                                      PB: Diskette
IBM Compatible
SYSTEM: DOS
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                                                                                                                                                                                    Heller Ehrman White & McAuliffe 50 Executive Square, Suite 700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1;
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RESULT 3120
US-08-829-637A-115/c
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; ORIGINAL SOURCE:
US-08-984-709A-41
                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-042A-73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 3119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-657-042A-73/c
                                              GENERAL INFORMATION:
APPLICANT: C. Fran
APPLICANT: Phillip
APPLICANT: Nichola
APPLICANT: Glenn H
                                                                                                                                 Sequence 115, Application US/08829637A Patent No. 6339066
                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                    Query Match 0.2%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 73
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Ben
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/657,042A CURRENT FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,71
REFERENCE/DOCKET NUMBER: 24735-9815 (formerly 6362-9815)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
TELEPHONE: (619) 587-5360
INFORMATION FOR SEQ. ID NO: 41:
                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
 TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
HYPOTHETICAL: 1
ANTI-SENSE: NO
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LENGTH: 20 base pairs
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ATTORNEY/AGENT INFORMATION:
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EDNESS: single
                                                                C. Frank Bennett
Phillip Dan Cook
Nicholas Dean
                                                                                                                                                                                                                                                                                                      Conservative
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                                                   Glenn Hoke
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OLIGONUCLEOTIDES WHICH HAVE PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND WHICH MODULATE aI, aII, , k, n, AND ISOFORMS OF
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                                                                                                                                                                                                                                                                                                                      Score 13.4; DB 1
Pred. No. 2.4e+03
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Pred. No. 2.
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US-08-829-637A-115
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APPLICATION NUMBER: US 07/777,007

FILING DATE: 16-OCT-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/777,760

FILING DATE: 15-OCT-1991

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,129
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION UNUMBER: US 08/469,851
FILING DATE: 06-JUN-1995
PRIOR APPLICATION UNUMBER: US 08/468,569
PRIOR APPLICATION DATA:
                                                                                                                                                                                 TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/0024:
APPLICATION NUMBER: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
                                      TOPOLOGY:
                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-UUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: WORDPERFECT CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: John W. Caldwell (28,937) Woodcock
                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: 150, ... PC-DUS
OPERATING SYSTEM: PC-DUS
OPERATING WORDPERFECT 6.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/829,637A FILING DATE: herewith CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: John W. Caldwell (28,937) NOUNCELL ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris STREET: One Liberty Place - 46th Floor CITY: Philadelphia
                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/852,852 FILING DATE: 16-MAR-1992
                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                     LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                       11-JAN-1990
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Query Match Best Local Similarity

0.2%; 93.3%;

Score 13.4; DB 1; Pred. No. 2.4e+03;

Length 20;

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US-09-629-645A-24

Sequence 24, Application US/09629645A

Patent No. 6365354

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 08/228,944
PRIOR APPLICATION NUMBER: 08/228,944
PRIOR FILING DATE: 1994-04-18
PRIOR FILING DATE: 1991-08-22
PRIOR APPLICATION NUMBER: 08/260,174
PRIOR FILING DATE: 1994-06-13
PRIOR FILING DATE: 1994-06-13
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                                                  US-09-629-645A-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: P.
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservation
                                                                                                                             FILE REFERENCE: RTS-0137
CURRENT APPLICATION NUMBER: US/09/629,645A
CURRENT FILING DATE: 2000-07-31
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 24
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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Patent No. 6352830
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 08/124,981
PRIOR FILING DATE: 1993-09-20
NUMBER OF SEQ ID NOS: 62
SOFTWARE: PARTITION OF SEQ ID NOS: 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/232,346
CURRENT FILING DATE: 1999-01-15
PRIOR APPLICATION NUMBER: 08/507,032
PRIOR FILING DATE: 1995-07-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Crabtree, Gerald R.
APPLICANT: No. 6352830throp, Jeffrey P.
APPLICANT: Ho, Steffan M.
APPLICANT: Flanagan, William M.
TITLE OF INVENTION: NF-AT POLYPEPTIDES AND POLYNUCLEOTIDES AND SCREENING TITLE OF INVENTION: METHODS FOR IMMUNOSUPPRESSIVE AGENTS
FILE REFERENCE: APV-008.04
                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Unknown
                                                                                                                   TYPE: DNA
                                                                  OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                3278 AAGAAGAAAAATGAA 3292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16
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Pred. No. 2.
Score 13.4; DB 1; Pred. No. 2.4e+03;
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               Length 20;
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                                  GENERAL INFORMATION:
   APPLICANT:
                   APPLICANT:
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NUMBER OF SEQ ID NOS: 164

SEQ ID NO 31

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-629-645A-31/c
                                                 RESULT 3125
                                                                                                                                                                                                                                      , OTHER INFORMATION: Antisense Oligonucleotide US-09-561-497-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 3124
US-09-561-497-74/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: AntiBense Oligonucleotide US-09-629-645A-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 3123
                               US-09-561-497-75/c
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APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyat
                                                                                                                                                                 Best Local Matches 1
                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
FILE REFERENCE: RTS-0149
CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                      SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 31, Application US/09629645A Patent No. 6365354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
Sequence 75, Application US/09561497 Patent No. 6372433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 74, Application US/09561497 Patent No. 6372433
                                                                                                                                                                                      Query Match
Best Local
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TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
FILE REFERENCE: RTS-0137
CURRENT APPLICATION NUMBER: US/09/629,645A
CURRENT FILING DATE: 2000-07-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Y Match 0.2%;
Local Similarity 93.3%;
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                                                                                                                               1646 ATGCGGGGATGCCTA 1660
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                                                                                                      16 ATGCGGGGGTGCCTA 2
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                                                                                                                                                                                      Similarity
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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Brenda F. Baker C. Frank Bennett

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TITLE OF INVENTION: ANTISENSE MODULATION O. FILE REFERENCE: RTS-0149
CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 75
LENGTH: 20
TYPE: FN"
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US-09-702-251-67/c
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                                                                                                                                                                                                                                                                                                                                   US-09-175-658B-5
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                                  SOFTWARE: P
SEQ ID NO 5
LENGTH: 20
                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: METALLINOS, DANIKA
APPLICANT: RINE, JASPER
APPLICANT: BOWLING, ANN
TITLE OF INVENTION: HORSE ENDOTHELIN-B RECEPTOR GENE AND GENE PRODUCTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
FILE REFERENCE: RTS-0199
                                                                                                                                                                                                                                                                                            Sequence 5, Application US/09175658B Patent No. 6372900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 67, Application US/09702251
Patent No. 6372492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.2%;
Best Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide -09-702-251-67
                                                                                      FILE REFERENCE: GOBR-110
CURRENT APPLICATION NUMBER: US/09/175,658B
CURRENT FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/062,562
PRIOR FILING DATE: 1997-10-21
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/702,251
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                          911 GTGAGGTGCTGGACA 925
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Similarity 93.3%;
14; Conservative
                                                                          PatentIn Ver. 2.1
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.
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US-08-599-738A-14
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Best Local Similarity
Matches 14; Conserv
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Patent No. 6
                                                                                                                                                                                                                                                                           COMPUTER: IRE PLOPPY OLDS.
COMPUTER: IRE PETCHING COMPACTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Vei
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-FBB-196
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION NUMBER: US 07/965,941
APPLICATION NUMBER: US 07/965,941
APPLICATION NUMBER: US 07/965,941
APPLICATION NUMBER: US 08/338,352
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
PRIOR APPLICATION NUMBER: US 08/338,352
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OTHER INFORMATION:
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APPLICANT:
APPLICANT:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                           FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
                                                                                                                                                                                                 FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS: GILEAD SC
ADDRESSEE: GILEAD SC
                                                       CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 353 Lakeside Drive CITY: Foster City
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GUTIERREZ, ARNOLD J. PUDLO, JEFF
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  162.3D2
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Pred. No. 2.4e+03;
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RESULT 3130
US-09-167-109-50/c
; Sequence 50, Application US/09167109
; Patent No. 6399297
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                                                                                             片
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-689-255C-22
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 22, Application US/09689255C Patent No. 6395544 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/689,255C
CURRENT FILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 22
LENGTH: 20
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Best Local S
                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Freier
TITLE OF INVENTION; ANTISENSE MODULATION OF ECASI EXPRESSION
FILE REFERENCE: RTS-0171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs
                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION: /note= "This position is C'
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
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                                                                                             CTGTCCCTTGTCCAG
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(415) 573-4899
                                                                                                                                                        Conservative
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5-methyl-2'-deoxycytidine."
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5-methyl-2'-deoxycytidine."
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                                                                                                                                                                     Score 13.4;
Pred. No. 2
                                                                                                                                                        Mismatches
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                                                                                                                                                                                     DB 1;
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                                                                                                                                                        Indels
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APPLICANT: Baker, Brenda F.
APPLICANT: Cowsert, Lex M.
APPLICANT: Wonia, Brett P.
APPLICANT: Wonia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/798,096
CUBRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                             US-09-844-634-45
                                                                                                                                                                                                                                                                            RESULT 3132
                                                                         Sequence 45, Application US/09844634
Patent No. 6410324
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
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Patent No. 6399378
GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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Matches
                                                            SEQ ID NO 45
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
FILE REFERENCE: RTS-0207
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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larity 93.3%;
Conservative
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Pred. No. 2.4e+03;
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Pred. No. 2.
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FEATURE:

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US-08-744-481A-52/c

(Sequence 52, Application US/08744481A

PATENT NO. 6428955

(GENERAL INFORMATION:
APPLICANT: K ster, Hubert
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

NUMBER OF SEQUENCES: 55

CORRESPONDENCE ADDRESS:
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CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER FILING DATE: 1998-07-07
EARLIER FILING DATE: 1998-07-07
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1997-07-07
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US-09-506-073-15
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Best Local Similarity 93.3%;
Matches 14; Conservative
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LENGTH: 20
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Best Local Similarity
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Patent No. 6410518
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EARLIER FILING DATE: 1996-11-26
EARLIER PPLICATION NUMBER: PCT/US95/07111
EARLIER FILING DATE: 1995-05-31
EARLIER PILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 130
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TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                           COUNTRY: USA
ZIP: 92037-9103
                                                                                                                                                                                          CITY: La Jolla
                                                                                                                                                                                                               ADDRESSEE: HELLER EHRMAN WHITE & MCAULIFFE STREET: 4250 Executive Square, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5936 CTGGGCTGGACTGCC 5950
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 28 GGGAGCTGCTGCAGG 42
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                                                                                                                                                                      California
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Pred. No. 2.4e+03;
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US-09-907-843-18
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REFERENCE/DOCKET NUMBER: 24736-2004
TELEPHONE: (617)450-8400
TELEPHONE: (617)450-8400
TELEPHONE: (617)587-5360
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE:
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
            Sequence 18, Application US/09907843
Patent No. 6440739
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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Best Local Similarity 93.3%;
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Best Local (
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CURRENT FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: PT/NL98/00021
PRIOR FILING DATE: 1998-01-12
PRIOR APPLICATION NUMBER: EP 97200070.7
PRIOR FILING DATE: 1997-01-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Groenen, Martinus Antonius Mathild APPLICANT: Albers, Gerardus Antonius Arnoldus TITLE OF INVENTION: Selection For Dwarfism in FILE REFERENCE: 310-1009
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/61:
PILING DATE: March 18, 19:
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie I
                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Unknown FEATURE:
                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: OTHER INFORMATION:Oligonucleotide primer
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6428955ember 6, 1996
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Pred. No. 2.4e+03;
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                                                                  ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-32
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US-09-658-679A-31
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-31
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Patent No. 6444464
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wystt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RT9-0186
CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 31
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 18
LENGTH: 20
                                                                                                                                                      APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2
FILE REFERENCE: RTS-0186
CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 32
LENGTH: 20
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Best Local 9
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Patent No. 6444464
GENERAL INFORMATION:
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Best Local
Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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ORGANISM: Artificial Sequence
FEATURE;
OTHER INFORMATION: Antisense Oligonucleotide
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ORGANISM: Artificial Sequence
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 Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
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Pred. No. 2.4e+03;
0; Mismatches 1;
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                                               Sequence 229, Application US/09517467B Patent No. 6451602 GENERAL INFORMATION:
                                                                                                     RESULT 3141
US-09-517-467B-229/c
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                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide US-09-851-062-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-851-062-79/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION FILE REFERENCE: RTS-0138
CURRENT APPLICATION NUMBER: US/09/676,610B
CURRENT FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 182
SEQ ID NO 182
LENGTH: 20
TYPE: DNA
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APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0247
CURRENT APPLICATION NUMBER: US/09/851,062
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 79
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 182, Application Patent No. 6444465
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Patent No. 6448081
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                                                                                                                                                                                                                                                            Query Match 0.2%;
Best Local Similarity 93.3%;
APPLICANT: Ian Popoff
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Match 0.2%;
Local Similarity 93.3%;
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                                                                                                                                                                                                           7167 CTTAGCAGCCATGTG 7181
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                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
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RESULT 3142
US-09-091-952A-171
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CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 229
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 171, Applicat Patent No. 6458532 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                        TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 171:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOPTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
OTHER STATEMENT OF COLORS OF THE COLOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-0CT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-0CT-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Chromosomal Markers and Diagnostic
Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                          NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
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ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: CA
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TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Berrettini, Wade H.
Yoshikawa, Takeo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Esterling,
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Sanders, Alan R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Badner, Judith A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 20
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LOCATION: 1...20
COTHER INFORMATION:
SEQUENCE DESCRIPTION: SE
US-09-091-952A-171
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                                                APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: EURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A COI
TITLE OF INVENTION: METHOD FOR DETERMINING A COI
TITLE OF INVENTION: MUCLEIC ACID PROBES FOR THI
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
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; Sequence 97, Application US/09690364
; Patent No. 6468795
                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 3144
US-09-725-265-32/c
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 32
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHI
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 649212:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 32,
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: RTS-0190
CURRENT APPLICATION NUMBER: US/09/690,364
CURRENT FILING DATE: 2000-10-17
                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
YOKOMAKU, TOYOKAZU
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                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09725265
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
0; Mismatches 1;
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                                                                                                                                                                                                                       CONCENTRATION OF TARGET NUCLEIC ACID THE METHOD, AND METHOD FOR ANALYZING
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FILE REPERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR PILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOPTWARE: Patentin version 3.1
SEQ ID NO 33
LENGTH: 20
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                                                                                                                                                                                                                                                                                      RESULT 3146
US-09-725-265-37/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-725-265-33
          GENERAL INFORMATION:

APPLICANT: KURANE, TAKAHIRO
APPLICANT: KAMAGAWA, TAKAHIRO
APPLICANT: KAMAGAWA, VOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSANU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: MUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 19953USONDIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 33, Application US/09725265 Patent No. 6492121 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                  Sequence 37, Application US/09725265 Patent No. 6492121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OP INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OP INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
CURRENT APPLICATION NUMBER: US/09/725,265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: SYNTHETIC DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: ARTIFICIAL SEQUENCE FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.2%; Score 13.4; DB 1; Length 20; 93.3%; Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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RESULT 3148 US-09-659-845A-148

Sequence 148, Application US/09659845A Patent No. 6492170

; GENERAL INFORMATION: ; APPLICANT: Hong Zhang ; APPLICANT: ANDREW T. WALL ; ATITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION

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                                                                                                                                                           ; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-38
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US-09-725-265-38/c
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 38
LENGTH: 20
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LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
                                                           0.2%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches
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PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR PILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOPTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR PILING DATE: 1999-04-20
NUMBER: CONTROL DATE: 1999-04-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: KURANE,
APPLICANT: KANAGA
APPLICANT: KAMAGA
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                                                                                                                                                                                                                         ORGANISM: ARTIFICIAL SEQUENCE
                                                                                                                                                                                                                                              TYPE: DNA
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                                      6685 TTTTTATTATATAT 6699
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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GENERAL INFORMATION:

APPLICANT: Lex M. COWBERT

APPLICANT: Jacquelline Wyatt

APPLICANT: Susan M. Freier

APPLICANT: Susan M. Freier

APPLICANT: Brett P. Monia

APPLICANT: Madeline M. Butler

APPLICANT: Modeline M. Butler

APPLICANT: Robert McKay

TITLE OF INVENTION: ANTISENSE MODULATION OF PT.

FILE REFERENCE: ISPH-0478

CURRENT APPLICATION NUMBER: US/09/629,644A

CURRENT FILING DATE: 2000-07-31

PRIOR APPLICATION NUMBER: US/09/487,368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:

APPLICANT: Lex M. Cowsert

APPLICANT: Jacqueline Wyatt

APPLICANT: Susan M. Freier

APPLICANT: Susan M. Freier

APPLICANT: Brett P. Monia

APPLICANT: Madeline M. Butler

APPLICANT: Robert McKay

TITLE OF INVENTION: ANTISENSE MODULATION OF PT

FILE REFERENCE: ISPH-0478
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US-09-629-644A-81
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US-09-629-644A-81
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CURRENT APPLICATION NUMBER: US/09/659,845A
CURRENT FILING DATE: 2001-07-23
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 148
LENGTH: 20
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Best Local Similarity
Matches 14; Conserv
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Best Local
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CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
PRIOR FILING DATE: 2000-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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mes 14; Conserv
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llarity 93.3%;
Conservative (
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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US-09-657-346A-142/c

Sequence 142, Application US/09657346A

; Patent No. 6503754

; GENERAL INFORMATION:
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; Sequence 125, Application
; Patent No. 6503754
; GENERAL INFORMATION:
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                                                                   ; OTHER INFORMATION: US-09-657-346A-142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-657-346A-125
                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 142
LENGTH: 20
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SEQ ID NO 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 242
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 14; Conserv
Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                        APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
APPLICANT: JAcqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
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OTHER INFORMATION:
                                                                                                  FEATURE:
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                 0.2%;
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   0
 Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
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2730

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APPLICANT: SUBBAN M. Prefer

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION

PILE REFERENCE: RTS-0127

CURRENT APPLICATION NUMBER: US/09/668,313A

CURRENT FILING DATE: 2000-09-22

SEQ ID NOS: 247

SEQ ID NO 143

LENGTH: ON 143
                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4350
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US-09-668-313A-143
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                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                            FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification
                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                  ENGTH: 20
                                                                               Match 0.2%;
Local Similarity 93.3%;
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                   3276 TTAAGAAGAAAAATG 3290
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                                                                 Conservative
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Pred. No. 2.4e+C
O; Mismatches
                                                                                 Score 13.4; DB 1;
Pred. No. 2.4e+03;
                                                                 Mismatches
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                                                                                                Length 20;
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                                                                 Gaps
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; ORGANISM: Homo Sapiens
; FEATURE:
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-5468 for SEQ 1664, US-09-422-978-5598
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; Sequence 5598; Application US/09422978
; Patent No. 6537751
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APPLICANT: Chumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumekov, Ilya
TITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET.020C01
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILLING DATE: 1998-04-21
NUMBER OF ERG ID NOS: 11796
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                                                                                                                                     OTHER INFORMATION: upstream amplification primer 99-16754 for US-09-422-978-6679
                                                                                                                                                                                                                                                                                                    APPLICANT: Cohen, Daniel
APPLICANT: Chen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumenkov, Ilya
ITITE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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                                                          Query Match
Best Local S
Matches 14
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LENGTH: 20

TYPE: DNA

ORGANISM: Homo Sapiens
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LENGTH: 20
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Best Local Similarity
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NAME/KEY: primer_bind
LOCATION: 1..20
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TTTTTTTTTGTCTTG 4489
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                                                              Conservative
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                                                          Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
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Pred. No. 2
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                                                                                                  Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: downstream amplification primer 99-913 for SEQ 2190, US-09-422-978-10055
                                                                                           US-09-422-978-11370
                                                                                                                                                                                                                                              SEQ ID NO 11370
LENGTH: 20
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LENGTH: 20
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APPLICANT: Cohen, Daniel
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                                                Query Match
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APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in constructing a high density...
PILE REFERENCE: GERNST.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION DATE: 1998-11-23
EARLIER APPLICATION DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-14-21
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
                                                                                                                                  FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
                                                                                                                                                                                                ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: primer_bind
LOCATION: 1..20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo Sapiens
                                                                                                             OTHER INFORMATION: downstream amplification primer 99-4692 for SEQ 3505, in compleme
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y match 0.2%;
Local Similarity 93.3%;
les 14; Conservative
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Pred. No. 2.4e+03;
  Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
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    Indels
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                                                                                                                                                                          SOFTWARE: PatentIn Ver. 3.0
SEQ ID NO 8
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Shigemori, Yasushi
APPLICANT: Oishi, Michio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 115
LENGTH; 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 8, Application US/09549949B Patent No. 6541226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Query Match
                                                                                                                                                                                                                                                  TITLE OF INVENTION: Method for specifically cleaving double-stranded DNA TITLE OF INVENTION: and kit for the method FILE REFERENCE: 032567-015 CURRENT FILE/TOTION NUMBER: US/09/549,949B CURRENT FILING DATE: 2000-04-14 PRIOR APPLICATION NUMBER: JP 11/106710 PRIOR PPLICATION NUMBER: JP 11/106710 PRIOR FILING DATE: 1999-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
PRIOR APPLICATION NUMBER: US 07/852,852
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR FILING DATE: 1997-03-31
                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1992-03-16
NUMBER OF SEQ ID NOS: 121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Bennett
                                                       FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(20)
OTHER INFORMATION: Desc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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5. 6537973
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Dean, Nicholas M.
Holmlund, Jon T.
Dorr, F. Andrew
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                                                           Description of Artificial Sequence:primer
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    0.2%;
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    Score 13.4;
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Pred. No. 2.4e+03;
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    DB 1;
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Sequence 61, Application US/09705267A

Patent No. 6551826

GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
ITILE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lifton, Richard P.
APPLICANT: Chang, Sue S.
APPLICANT: Chang, Sue S.
APPLICANT: Chang, Sue S.
APPLICANT: Chang, Sue S.
TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
TITLE OF INVENTION: Mesulting from Deficient Ion Transport such as
TITLE OF INVENTION: Pseudohypoaldosteronism Type-1
FILE REFERENCE: 44574-5018-US
CURRENT APPLICATION NUMBER: US/09/380,836
CURRENT FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US/60/040,171
PRIOR APPLICATION NUMBER: PCT/US/98/04681
PRIOR FILING DATE: 1997-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
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US-09-380-836-78
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US-09-705-267A-61/c
                                                                                                                                    ) OTHER INFORMATION: Antisense Oligonucleotide US-09-705-267A-61
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Best Local (
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                                                                         Query Match
Best Local Similarity
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SEQ ID NO 78
LENGTH: 20
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3081 CAGGTGTCTCATGTG 3095
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                                                         Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
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Pred. No. 2.4e+03;
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RESULT 3163
US-09-705-267A-139/c
; Sequence 139, Application US/09705267A
; Patent No. 6551826
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         GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
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LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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APPLICANT: Griffals, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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SEQ ID NO 139
LENGTH: 20
TYPE: DNA
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Best Local Similarity
                                                                                                                                                                      Sequence 3733, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
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APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
CURRENT FILING DATE:
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93.3%;
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Pred. No. 2.4e+03;
0; Mismatches 1
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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3733
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US-09-198-452A-5083
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4959
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US-09-198-452A-4959/c
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                                                                                                                                      US-09-198-452A-5083
                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: INFORMATION:
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                               Sequence 5083, Application US/09198452A Patent No. 6559294
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LENGTH: 20
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Best Local
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                                                                   Matches
                                                                                                  Query Match
                                                                                                                                                                                                       SEQ ID NO 5083
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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                                                                                                                                                 LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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                              6314 TGGGGCTACTGTTGC 6328
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93.3%;
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Pred. No. 2.4e+03;
                                                                                 Score 13.4; DB 1
Pred. No. 2.4e+03
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Pred. No. 2.4e+03
                                                                 Mismatches
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RESULT 3168

; ORGANISM: Chlamydia US-09-198-452A-6598

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Sequence 5676, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and TITLE OF INVENTION: thereof and uses thereof, in particular TITLE OF INVENTION: and treatment of infection PILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 5676
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SEO ID NO 6598
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                              Sequence 6598, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and TITLE OF INVENTION: thereof and uses thereof, in particular f TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5955, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:
APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and TITLE OF INVENTION: thereof and uses thereof, in particular from the control of the control 
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LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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Best Local :
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Best Local
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                                                                                                                                   TITLE OF INVENTION: and treatment of inferETLE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/198,452A CURRENT FILING DATE: 1998-11-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 6849
                                                                                                           NUMBER OF SEQ ID NOS: 6849
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Pred. No. 2.4e+(
0; Mismatches
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0; Mismatches
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Pred. No. 2.4e+
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US-09-808-358-7/c
RESULT 3173
US-09-679-299A-84/c
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SEQ ID NO 7
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 164
SEQ ID NO 84
LENGTH: 20
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APPLICANT: TOSOH Corporation
                                                                                                                                                   Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 656613
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CURRENT APPLICATION NUMBER: US/09/808,358
CURRENT FILING DATE: 2001-03-15
                                                                                                                                                                                                                                                                                                                                               APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Addrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
CURRENT APPLICATION UNMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: oligonuclectide capable of binding specifically to trh1 and OTHER INFORMATION: trh2 or RNA derived therefrom
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                               FEATURE:
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                                                                                                      TITTCTGCCCCACCT 3448
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                                                                                                                                        Conservative
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                                                                                                                                       0.2%; Score 13.4; DB 1; Length 20; 93.3%; Pred. No. 2.4e+03; tive 0; Mismatches 1; Indels
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Pred. No. 2.
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NUMBER OF SEQ ID NOS: 164

SEQ ID NO 84
LENGTH: 20
TYPE: DNA
ORGANUEM: Artificial Sequence
FEATURE: INFORMATION: Antisense Oligonucleotide
US-09-679-299A-84
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US-09-081-385-112/c
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Best Local Similarity
Matches 14; Conserv
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              TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                              ALLOWANDE WU, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 220
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                       SOPTWARE: PastSEQ for Windows Version 2.0b CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/081,385
                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94304-1018
COMPUTER READABLE FORM
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factor Receptor
TITLE OF INVENTION: of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 755 PAGE
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
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nucleic acid
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                                                                                         650-494-0792
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5 PAGE MILL ROAD
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                                                                                                                                               22000-20577.21
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Pred. No. 2
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JUS-09-081-385-112
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Best Local Similarity 93.3
Matches 14; Conservative
                                                                 Matches
                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 536
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: JP 6-313167
PRIUD DATE: 16-DEC-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: JP 7-210739
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APPLICANT: KUROMARU, KİYONOYİ
APPLICANT: KOISHIBARA, Yasuo
TITLE OF INVENTION: HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION
TITLE OF INVENTION: INHIBITOR
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                             TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 'SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,949
FILING DATE: 16-JUN-1997
                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 18-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/JP95/02587
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
                                                                                                                                                     MOLECULE TYPE:
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                                                                                                                                                                               LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                 Local Similarity
                                                                                                                                                                    TOPOLOGY:
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                               4086 TCCTTCCCATGCCTG 4100
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                                                                   Conservative
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                                                                                                                                                                    linear
                                                                                                                                                   DNA (genomic)
                                                                              0.2%;
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                                                                               Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.
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                                                                   Mismatches
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RESULT 3176

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                                                                                                                                                                                              Sequence 11, Application US/08849949 Patent No. 6596537
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PETING DATE: 18-AUG-1995
PRIOR APPLICATION NUMBER: JP 7-210739
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/JP95/02
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
APPLICATION:
APPLICATION:
APPLICATION:
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Best Local Similarity
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                                                                                                                                                                               GENERAL INFORMATION:
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APPLICATION NUMBER: JP 6
FILING DATE: 16-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7
APPLICATION NUMBER: JP 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/849,949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                APPLICANT: KUROMARU, Kiyonori
APPLICANT: KOISHIBARA, Yasuo
TITLE OF INVENTION: HUMAN INT
TITLE OF INVENTION: INHIBITOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: KUROMARU, K.
APPLICANT: KOISHIBARA,
TITLE OF INVENTION: HUI
TITLE OF INVENTION: INI
                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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CLASSIFICATION:
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STATE: Virginia
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TELEPAX: (703) 836-2021
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CITY: Alexandria
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                      STREET:
                                      ADDRESSEE:
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P.O. Box 1404
                    P.O. Box 1404
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                                      BURNS, DOANE, SWECKER & MATHIS, L.L.P.
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                                                                                                  HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION INHIBITOR
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HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION
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                                                                                              US-09-825-497A-27
                                                                                                                                                                                                                                                                                   Sequence 27, Application US/09825497A
Patent No. 6599742
GENERAL INFORMATION:
APPLICANT: Honkanen, Richard E.
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODUATION OF HUMAN SERINE/THREONINE PROTITLE OF INVENTION: PHOSPHATASE GENE EXPRESSION
                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/825,497A
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin version 3.1
SEQ ID NO 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                              Query Match
Best Local Similarity
                                  Matches
                                                                                                                                                                                                                                                                         FILE REFERENCE: ISPH-0572
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (703) 836-2021 INFORMATION FOR SEQ ID NO:
                                                                                                                                                           TYPE: DNA
                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 36,607
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: WO POPILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                         ENGTH: 20
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nes 14; Conserv
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Virginia COUNTRY: United States
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/849,949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
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   5602 TTTAAGTGGTGCTTC 5616
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                                  Conservative
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                                              0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.4e+03;
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                                  Mismatches
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                                                                                                                                                                   US-09-689-065B-20
                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: PÉIZEY PODUCTE, ÎNC.
APPLICANTI PÉIZEY PODUCTE, ÎNC.
TITLE OF INVENTION: LAWSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS AND
TITLE OF INVENTION: MATERIALS
FILE REFERENCE: 3153.00187/PC10589A
CURRENT APPLICATION NUMBER: US/09/689,065B
CURRENT PILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: US Prov. 60/160,922
PRIOR APPLICATION NUMBER: US Prov. 60/163,858
PRIOR APPLICATION NUMBER: US Prov. 60/163,858
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.2
SEQ ID NO 20
LENGTH: 20
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APPLICANT: KAWAI, SHIGETO
APPLICANT: KOISHIBARA, YASUO
TITLE OF INVENTION: METHOD FOR DETECTION OR MEASUREMENT OF |
FILE REFERENCE: 053466/0301
CURRENT APPLICATION NUMBER: US/09/787,375
CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: PCT/JP99/04502
PRIOR FILING DATE: 1999-08-20
PRIOR FILING DATE: 1999-08-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/09787375 Patent No. 6602663
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Best Local Similarity
                                                                                    Matches
                                                                                                                        Query Match
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PRIOR FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 112
                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1999-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Forward primer for OTHER INFORMATION: amplifying a part of DNA coding for HM1.24 antibody protein
                                                                                                                                                                                   TYPE: DNA ORGANISM: Lawsonia intracellularis
                                                                           Local Similarity 93.3%; Pred. No. 2.4e+03; pes 14; Conservative n. Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4548 CTGTTGGCCTTGAAG 4562
                                        4286 TTTCTTGCAAGTGCA 4300
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    TTTCTTGAAAGTGCA 16
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Pred. No. 2.4e+03;
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RESULT 3181 US-09-665-615B-59/c

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US-09-980-052-89
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                                                                                                                        RESULT 3183
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GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co.,
APPLICANT: KIM, Cheol Min
                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 155
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 109
                                                              Sequence 89, Appli
Patent No. 6670130
                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 14; Conservat
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APPLICANT: PLOWMAN, GREGORY
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Patent No. 6656716
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Best Local Similarity 93.3%;
Matches 14; Conservative
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CURRENT APPLICATION NUMBER: US/09/688,188B
CURRENT FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 09/291,417
PRIOR PILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: 60/081,784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: MARTINEZ, RICARDO
APPLICANT: WHYTE, DAVID
TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Wyatt, Jacqueline
TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-0502
                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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                                                                                Application US/09980052
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Pred. No. 2.4e+03;
0; Mismatches 1;
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; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-09-980-052-89
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CURRENT APPLICATION NUMBER: US/09/980,052
CURRENT FILING DATE: 2001-11-28
FRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 1999-05-29
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
PRIOR FILING DATE: 2000-04-07
NUMBER: KCASTANTON SEQ ID NOS: 243
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SEQ ID NO 89
LENGTH: 20
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Patent No. 6673902
GENERAL INFORMATION:
APPLICANT: Hirai, Hiroshi
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TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
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            PRIOR APPLICATION NUMBER: 09/280,590
APPLICATION NUMBER: 09/280,590
PILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-002 N CP2
                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/892,398
FILING DATE: 27-Un-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson,
STREET: 411 Hackensack Ave,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
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TELECOMMUNICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Hackensack
                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: New Jersey
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Pred. No. 2.
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RESULT 3186
US-09-291-417D-109/c
; Sequence 109, Application US/09291417D
; Patent No. 6680170
; GENERAL INFORMATION:
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                                                                                                                      APPLICANT: PLOWMAN, GREGORY
APPLICANT: WARTINEZ, RICARDO
APPLICANT: WHYTE, DAVID
ITITLE OF INVENTION: STE20-RELATED PROTEIN KINASES
FILE REFERENCE: 038602/0329
CURRENT APPLICATION NUMBER: US/09/291,417D
CURRENT APPLICATION NUMBER: 1999-04-13
CURRENT PILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/081,784
PRIOR FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 155
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US-09-730-212C-4
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GENERAL INFORMATION:
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 109
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Florida Atlantic University
APPLICANT: Narayanan, Ramaswamy
TITLE OF INVENTION: COLON CANCER RELATED POLYNUCLEOTIDES
FILE REFERENCE: 6818-14
CURRENT APPLICATION NUMBER: US/09/730,212C
CURRENT FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
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OTHER INFORMATION: Description of Artificial Sequence: Primer
                                  ORGANISM: Artificial Sequence
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 884 AGGCACAGCCAGTGA 898
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                            AAGCACAGCCAGTGA 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.4; DB 1
Pred. No. 2.4e+03
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Pred. No. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
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; ANTI-SENSE: yes
PCT-US94-07770-77
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                                                                    Query Match
Best Local Similarity
                                                            Matches
                                                                                                                                                                                                                            TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                   FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: Pebruary 22, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                         NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELERHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: PC-DOS
SOPTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Oligonucleotide Modulation of TITLE OF INVENTION: Protein
                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Nicholas Dean, C. Frank Bennett and APPLICANT: Russell T. Boggs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Woodcoup ADDRESSEE: Woodcoup ADDRESSEE: Mackiewicz & Norris STREET: One Liberty Place - 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: One _____
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: herewi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
ZIP: 19103
                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                              LENGTH:
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16
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   GATGGCCGGGCGCTC 2
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                                                                          0.2%;
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                                                            0.
                                                                          Score 13.4;
Pred. No. 2.
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                                                                          DB 1;
.4e+03;
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                                                               Indels
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RESULT 3188 PCT-US94-09851-3/c

Sequence 3, Application PC/TUS9409851

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PCT-US95-02311-3/c
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 14; Conserv
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IMP PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
COMPUTER: IBM PC com)
                                                                                                                                                                                                                                                         TITLE OF INVENTION: ME
TITLE OF INVENTION: FU
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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APPLICANT: Tanzi, Rudolph E.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
TITLE OF INVENTION: DISEASE GENE
                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                STATE: MA
COUNTRY: US
ZIP: 02173
                                                                                                                                                                                                      CITY: Lexington
                                                                                                                                                                                                                      ADDRESSEE: HAMILTON, BROOK
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US94/09851 FILING DATE: CLASSIFICATION:
APPLICATION NUMBER: FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5029 GAGGCAGCTCACTGG 5043
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30 Rockefeller Plaza
                                                                                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               United States of America
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%;
                                                                                                                                                                                                                                                                                              METHODS FOR IDENTIFYING INHIBITORS OF FUNGAL PATHOGENICITY
                 PCT/US95/02311
                                                                                                                                                                                                                                         BROOK, SMITH & REYNOLDS, P.C
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Pred. No. 2.4e+03;
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                                                                                                                  PCT-US95-07111A-15
                                                   Best Local Similarity
Matches 14; Conserv
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                                                                                  Query Match
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MEDIUM TYPE: DISKETTE, 3.5
COMPUTER: IBM PS/2
COPERATING SYSTEM: PC-DOS
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION UNMER: PCT/US9
PILING DATE: MAY 31, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPAX: (617) 861-95
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                        TELEFAX: (609) 779-84
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MYC93-08 PCT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION: NAME: Granahan, Patricia
                                                                                                                                    TOPOLOGY: Line
                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                     FILING DATE: May 31, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
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Local Similarity 93.3%;
1es 14; Conservative 0
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                                                                                                                                                                     TYPE: Nucleic Acid
STRANDEDNESS: Singl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 08002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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5936 CTGGGCTGGACTGCC 5950
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: Law Offices of Jane Massey Licata
210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                        (609) 779-8488
                                                   0.2%; Score 13.4; DB 1; ilarity 93.3%; Pred. No. 2.4e+03; Conservative 0; Mismatches 1;
                                                                                                                                                         Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (617) 861-6240
                                                                                                                                                                                                                                                                         (609)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                     Single
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Pred. No. 2.4e+03;
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                                                                                  Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length
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                                                      Indels
                                                    0,
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                                                    Gaps
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CAGGGCTGGACTGCC 16

RESULT 3191 PCT-US95-08604-106/c

Sequence 106, Application PC/TUS9508604 GENERAL INFORMATION:

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RESULT 3192
PCT-US96-09388-20/c
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                                                                                                                                                                                                                                                                  PCT-US95-08604-106
               Sequence 20, Application PC/TUS9609388 GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
                                                                                                                                                                                                                  Query Match
Best Local !
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: 0...
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
TYPE: DISKETTER: TOWN TONS 5.0
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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APPLICANT: HSC Reasearch and Development Limitled Partnership
APPLICANT: Gallie, Brenda L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: VGEN.P-003-WO TELECOMMUNICATION INFORMATION: TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
FILING DATE: 08-UUL-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Word Perfect CURRENT APPLICATION DATA: APPLICATION NUMBER: PC
                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                 ORIGINAL SOURCE:
ORGANISM: hum
                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE: no FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: genomic DNA HYPOTHETICAL: no
TITLE OF INVENTION:
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TOPOLOGY: lin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                Local Similarity 93.3
es 14; Conservative
                                                                                                                                                                                                                                                                                NAME/KEY:
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1992 Commerce Street,
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                                                                                                                                                                                                                                                                                primer for exon 20 of human RB1 gene
                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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            Larry J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Larson
                                                                                                                                                                                                              0.2%;
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Method, Reagents and Kit for Diagnosis
Method, Reagents and Kit for Diagnosis
Therapeutic Oligonucleotides
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Pred. No. 2.4e+03;
0; Mismatches 1
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;Patent NO. 5194596;
Patent NO. 5194596;
APPLICANT: TISCHER, E
;C.;MITCHELL, RICHARD L.
;C. TITLE OF INVENTION: P
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                                                                                                                      5194596-22
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                                                                                                                                                 SEQ ID NO:22:
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Matches
                                                        Query Match
Best Local Similarity
Matches 14; Conserv
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEB: Dann, Dorfman, Herrell
STREET: 1601 Market Street Suite
                                                                                                                                                                              NUMBER OF SEQUENCES: 32
CURRENT APPLICATION DATA:
APPLICATION UNBER: US/07/450,883
FILING DATE: 14-DEC-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 387,545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet B.
REGISTRATION NUMBER: 36,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HYPOTHETICAL:
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LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 12-JUL-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
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CTTY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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                                                                                                                                                                 FILING DATE: 27-JUL-1989
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                                                                                                                                    LENGTH: 20
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                           2302 CAGCCTGGGATCACT 2316
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                                                           Conservative
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                                                                                                                                                                                                                                                                                           PRODUCTION OF VASCULAR ENDOTHELIAL CELL
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                                                                        0.2%;
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                                                         Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
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